Prepared for
Ampol Australia Petroleum Pty Ltd
ABN: 17 000 032 128

Kurnell Terminal SSD-5544 MOD-7

Appendix E - Remedial Action Plan

16-Mar-2026

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Client: Ampol Australia Petroleum Pty Ltd

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Executive summary

Background

The Kurnell Terminal (the Site) is located at 2 Solander Street, Kurnell within the Sutherland Shire Local Government Area (LGA), approximately 17 kilometres (km) south of Sydney's Central Business District (CBD) (as presented on **Annexure A, Figure F1a**).

In 2012, Ampol Refinery (NSW) Pty Ltd (Ampol) decided that the oil refinery and fuel terminal would be converted to a finished product terminal (the approved project), ceasing refinery operations in 2014. Currently, the operational infrastructure is primarily located in the northern part of the Site (Zones 1 and 1A). Other parts of Ampol's landholdings at Kurnell include largely vacant areas of previously developed land (Zones 2 and 3) and areas of undeveloped land containing extensive native vegetation (Zones 4 and 5).

To support the continued viable, safe, reliable, and sustainable operation of the Kurnell Terminal, Ampol intends to consolidate operational infrastructure, remove redundant assets, and undertake targeted remediation of legacy ground contamination. The location within the Site that these works would occur is referred to as the Project Area. The Site, Zones, and Project Area are presented on **Annexure A, Figure F2**.

A Modification Report was prepared to support a modification application to State Significant Development (SSD)-5544 Modification 7 (MOD-7) and was placed on public exhibition for 23 days from Thursday 10 July 2025 until Friday 1 August 2025 in accordance with the *Environmental Planning and Assessment Act 1979 (NSW)* (EP&A Act).

A Conceptual Remedial Action Plan (Conceptual RAP) for the proposed modification (prepared by AECOM) was one of a number of technical documents that formed part of the Modification Report.

This Remedial Action Plan (RAP) has been developed as an update to the Conceptual RAP to address submissions received during the exhibition of the Modification Report (MOD-7) and refinements to the proposed modification. The RAP has been prepared to support the Submissions Report.

Following review of the submissions, grading and capping activities proposed under MOD-7 have been removed from the scope of the proposed modification. Under the proposed modification works, the landform at the Site would remain the same. Grading and capping activities would instead form part of Ampol's SSD application for the Kurnell Energy and Industry Precinct (KEIP) (SSD-86799993), which focuses on preparing the land to support uses consistent with the land use zoning.

Capping had originally been proposed as part of the MOD-7 application as the primary remedial strategy to address asbestos contamination in soils by creating a physical barrier that mitigates exposure to asbestos and, where required: as a vapour barrier to prevent the migration of volatile vapours into buildings, and as a barrier to surface water infiltration to mitigate the leaching of contaminants in soil to groundwater. This remedial approach was proposed to help prepare Zones 2 and 3 for future land uses consistent with the zoning. Capping as a remedial approach is not required for the current terminal land use due to the limited occupation of Zones 2 and 3, and the ongoing management practices in place within these Ampol controlled portions of the Site, which include: Site specific controls (e.g. site personnel inductions, health and safety management controls) and routine groundwater monitoring. Therefore, the capping approach is no longer part of the proposed modification application.

Capping will, however, be included in the SSD application for the KEIP. This is because the KEIP application will subdivide the land and prepare it for future land uses consistent with the land use zoning at the Site. In addition, the KEIP would require the regrading of parts of Zones 2 and 3; from a delivery perspective, it is more efficient and requires less material handling to complete the capping and regrading at the same time.

As such, consent for capping activities will not be sought as part of the proposed modification but will be sought under the KEIP application instead. Nevertheless, in order to present a holistic and transparent remedial strategy for the Site, capping is discussed as a future remedial strategy in this RAP.

The planning and approvals process relevant to this RAP is detailed in **Section 1.3** of this report. Remedial works presented in this RAP would be supported by one or more Remedial Work Plan(s) (RWP) following further detailed investigations within the Project Area and receipt of relevant conditions of consent if the modification application is approved.

Remediation objectives

Ampol has developed the following objectives for the Project Area (presented on **Annexure A, Figure F2**):

- Remediate the soil and manage groundwater within the Project Area to address legacy ground contamination identified in specific locations across the Site, to support the ongoing viable, safe, reliable, and sustainable use of the Terminal in Zone 1.
- Remove the remaining former refinery infrastructure within the Audit Boundary (legacy oily water sewer (OWS)).
- Ensure approved remediation that is implemented adheres to applicable regulatory requirements, minimising potential environmental, human health, and operational risks.

Site audit

An independent NSW EPA Accredited Site Auditor (Mr Andre Smit) (Site Auditor) has been engaged to provide independent review of this RAP and future RWP(s) and Site Validation works within the Audit Boundary, presented on **Annexure A, Figure F3**). The Audit Boundary excludes Zone 1 areas which would continue to operate as the Kurnell Terminal and the asbestos contaminated soil (ACS) containment cell located in Zone 2.

Site understanding

A significant number of soil and groundwater investigations have been conducted on the Site since the 1990s, particularly following the decommissioning of the lubricating oils refinery in 2010, and the oil refinery in 2014. In 2019, Ampol (formerly Caltex) developed a Remedial Action Strategy (RAS) for the Site, presenting Areas of Environmental Concern (AECs), and results from environmental site assessments completed at the Site to understand data gaps within the former refinery process unit areas, pipeways, and redundant tank bunds. In 2025, AECOM was engaged by Ampol to complete a comprehensive historical data review and develop the scope for a data gap investigation (Sampling Analysis and Quality Plan [SAQP]). The data gap investigation is currently underway at the Site. The findings of the historical data review have improved the understanding of the distribution of impacts, which has facilitated the preparation of this RAP, with particular emphasis on the Site History (**Section 3.0**), and conceptual site model (CSM) (**Section 3.4.10**). Based on the Site's historical activities, the following contaminants of potential concern (COPCs) have been considered primary based on their known use or presence at the Site:

- Asbestos
- Petroleum hydrocarbons (PHC) comprising:
  - Total recoverable hydrocarbons (TRH)
  - Benzene, toluene, ethylbenzene, xylenes, and naphthalene (BTEXN)
- Polycyclic aromatic hydrocarbons (PAHs)
- per and poly-fluoroalkyl substances (PFAS).

A range of secondary COPCs (e.g. chlorinated compounds, refinery process chemicals, as defined in **Section 4.2.1**) have also been either identified onsite within discrete areas based on historic investigations, or are considered to have potential to be used historically at the Site.

Areas of known impact are discussed in **Section 3.3**, **Section 3.4**, and **Section 3.4.10** and presented on **Annexure A, Figure F4**. The primary source of asbestos is related to legacy building and plant materials (in the form of gaskets, lagging, fibre boards, among others) with secondary sources from recycled building derived fill materials, and in the case of RPIP mountain, fill materials received from other onsite areas. The PHC soil and groundwater impacts are likely associated with smaller losses to ground that occurred over the refinery's operational history, as opposed to a notable release from a single localised source. The primary source of PFAS is related to the storage and historical use of fluorinated firefighting foam at the Site.

Remediation overview

Remediation and/ or management of ground contamination would be required to address identified areas of impact within the Project Area, and where legacy refinery infrastructure is still present.

The RAS (2019) presented a remediation assessment for the identified AECs based on the CSM that indicated whether further assessment or remediation was required based on the usage of the land. Where remediation was assessed as required, a prioritisation for these remedial activities was provided.

Numerous additional investigations and remedial activities have been conducted between 2019 and 2025 at the Site, in part guided by the RAS (Ampol, 2019). These investigations have resulted in remediation within numerous areas of the Site.

The 2025 AECOM data gap investigation and SAQP also provided an updated assessment in the form of a comprehensive historical data review. The findings of the historical data review have improved the understanding of the distribution of impacts, which has facilitated the preparation of this RAP. While the available historical information has been sufficient to complete this RAP and the remedial approach and technologies remains unchanged from the Conceptual RAP, further intrusive investigations are currently being completed to refine the proposed remedial extents and estimated remediation volumes. RWPs would be informed by the conditions of consent for MOD-7 and the completion of this data gap investigation.

The proposed remedial works would predominantly address PHC and PFAS impacts (primary COPCs). Remediation of asbestos in fill soils (also a primary COPC) will predominantly be addressed through a subsequent development application, however discrete remediation of two asbestos contamination areas which represent as a source of asbestos will be addressed under MOD-7 as they present management challenges for terminal operations. Secondary COPCs are also considered as part of this RAP from a risk (and remediation/ management) perspective.

The RAP has included a remedial options assessment, which considered a wide range of treatment options. The outcome of this assessment has concluded that bioremediation of PHC (primary COPC) and chlorinated impacted soils (secondary COPCs) (via excavation and biopiling) would be most effective approach for the Site. PFAS impacted soils would be excavated, disposed of offsite and resultant excavations backfilled with suitable fill. Consideration to the onsite management of asbestos contaminated soils would be made as part of future grading and capping activities.

Offsite disposal of untreated soils to landfill would be considered when soils are not suitable for bioremediation or where onsite management is not practicable. This decision is formed based on a cost-benefit assessment of disposal versus treatment as well as consideration of risk as part of the remedial option selection.

The excavation for remedial purposes would be vertically limited by the groundwater table, generally less than 4 metres below ground level (mbgl). The excavations would generally target identified shallow impacts and would therefore be focused on horizons within 1 m of soil or light non-aqueous phase liquid (LNAPL), and likely contaminated sludges in the redundant OWS network. Temporary groundwater management (dewatering) may be required during excavation within zones of saturated soil. In areas with LNAPL impacts, the overlying saturated soils would be removed to the extent practicable to reduce the PHC concentrations. If LNAPL is visually present on the excavation pit water, it would be removed and transferred for treatment at the onsite waste water treatment plant (WWTP) or disposed offsite. Historical data forms the basis for determining the extent of soil remediation required, as discussed in **Section 6.0**.

Where required, areas of the Site that have been remediated in line with the approaches detailed in this RAP would be backfilled with appropriate material and geospatially recorded.

The groundwater conditions at the Site are expected to improve following soil / fill / LNAPL remediation in Zone 2 and Zone 3 once potential primary and secondary sources related to the former refinery operations and the associated infrastructure within the Audit Boundary have been removed. Remediation works will permanently reduce COPC mass onsite and, over time, COPC leaching and migration to groundwater. Following soil remediation, groundwater monitoring would continue to confirm that the soil remediation works were effective in mitigating future impacts to groundwater. The soil remediation process itself will significantly improve groundwater conditions over the long term, assisted by natural attenuation (this process involves allowing naturally occurring micro-organisms in the ground to biodegrade hydrocarbon contamination). Any residual groundwater impacts requiring management would be addressed as part of an Environmental Management Plan (EMP).

A separate RAP will be produced to support the subsequent SSD application for the KEIP. This RAP will detail the scope of capping works required to bring the Site to its targeted commercial / industrial endpoint.

At the completion of the remediation works proposed under MOD-7, an interim remediation report would be prepared and interim auditor advice provided by the Site Auditor. The final Validation Report for the Audit Boundary would be prepared following the completion of subsequent capping works.

Ongoing management plans would be required to support the remedial works, to help ensure that the Site continues to meet commercial / industrial end points and other regulatory requirements.

Conclusion

This RAP has been prepared to meet the relevant requirements of the NSW EPA endorsed guidelines including the NSW EPA (2020) *Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites* and provides a framework for regulatory compliance. It also addresses submissions received during the exhibition of the Modification Report for MOD-7 by updating the Project description to remove capping from the proposed modification and including additional site contamination data that has been used to refine and confirm the CSM, and extent of remediation and management required.

1.0 Introduction

1.1 Background

The Kurnell Terminal (the Site) is located at 2 Solander Street, Kurnell within the Sutherland Shire Local Government Area (LGA), approximately 17 kilometres (km) south of Sydney's Central Business District (CBD) (as presented on **Annexure A, Figure F1a**).

In 2012, Ampol Refineries (NSW) Pty Ltd (Ampol) decided that the oil refinery and fuel terminal would be converted to a finished product terminal (the approved project). The refinery ceased operations in 2014. Development consent was received to complete the approved project under State Significant Development (SSD) application reference 5544 (SSD-5544). The objective of SSD-5544 was and remains 'to establish a viable, safe, reliable, and sustainable finished product import terminal at Kurnell.' Ampol has modified SSD-5544 six times to facilitate the conversion and demolition works.

Currently, the operational infrastructure is primarily located in the northern part of the Site (Zones 1 and 1A). Other parts of Ampol's landholdings at Kurnell include largely vacant areas of previously developed land (Zones 2 and 3) and areas of undeveloped land containing extensive native vegetation (Zones 4 and 5).

To support the continued viable, safe, reliable, and sustainable operation of the Kurnell Terminal, Ampol intends to consolidate operational infrastructure, remove redundant assets, and undertake targeted remediation of legacy ground contamination. These works would be completed under modification application (the proposed modification, MOD-7) to SSD-5544. The location within the Site where these works would occur is referred to as the Project Area. The Site, Zones, and Project Area are presented on **Annexure A, Figure F2**.

Previously, a Modification Report was prepared to support the MOD-7 application and was placed on public exhibition for 23 days from Thursday 10 July 2025 until Friday 1 August 2025 in accordance with the *Environmental Planning and Assessment Act 1979 (NSW)* (EP&A Act). A Conceptual Remedial Action Plan (Conceptual RAP) for the proposed modification (prepared by AECOM) was one of a number of technical documents that formed part of the Modification Report.

The previous modification report included activities which prepared the Site for future use, in preparation for Ampol's proposed Kurnell Energy and Industry Precinct (KEIP), including grading and capping. Following public exhibition, and the receipt of stakeholder submissions, one key change in the updated description of the proposed modification is the postponement of grading and capping activities which are being completed to facilitate future use of the Site. Grading and capping of the Site will therefore not be proposed as part of MOD-7 and will be proposed instead in the KEIP application under SSD-86799993.

This Remedial Action Plan (RAP) has been developed as an update to the Conceptual RAP to address submissions received during the exhibition of the Modification Report (MOD-7) and refinements to the proposed modification. It has been prepared to support the Submissions Report for MOD-7.

This RAP would be support by one or more remedial works plans (RWP) following further detailed investigations within the Project Area and receipt of relevant conditions of consent if the modification application (if consented). The differences between this RAP and the RWP are presented in **Section 1.5** of this report.

This RAP has been developed in general accordance with the applicable legislation, policy and guidelines, including:

- *Contaminated Land Management Act 1997 (NSW)* (CLM Act)
- *Protection of the Environment Operations Act 1997 (NSW)* (POEO Act)
- *Environmental Planning and Assessment Act 1979 (NSW)* (EP&A Act)
- State Environmental Planning Policy (Resilience and Hazards) 2021 (in force from 1 March 2022)
- National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended 2013 (NEPC 2013)

- PFAS National Environmental Management Plan 3.0 (PFAS NEMP 3.0), National Chemicals Working Group of Heads of EPAs Australia and New Zealand, 2025 (NEMP, 2025)
- Guidelines for the Assessment and Management of Groundwater (DEC, 2007)
- Guidelines for the NSW Site Auditor Scheme (3rd edition), (NSW EPA, 2017)
- Contaminated Land Guidelines, Sampling Design (NSW EPA, 2022)
- Contaminated Land Guidelines, Assessment and Management of Hazardous Ground Gases (NSW EPA, 2020a).

The structure of this RAP is in accordance with relevant sections of the Consultants reporting on contaminated land: Contaminated Land Guidelines (NSW EPA, 2020b).

1.2 Objectives

Ampol's overarching objective is to prepare the Site for the proposed KEIP development, recognising that the MOD-7 scope of works relate to the continued viable, safe, reliable, and sustainable operation of the Kurnell Terminal. In line with this Ampol has developed the following objectives for the Project Area as part of this MOD-7 RAP:

- Remediate the soil and manage groundwater within the Project Area that are relevant to the proposed modification, to address legacy ground contamination identified in specific locations across the Site, to support the ongoing viable, safe, reliable, and sustainable use of the Kurnell Terminal.
- Remove the remaining former refinery infrastructure within the Audit Boundary (legacy oily water sewer, OWS).
- Ensure approved remediation process that is implemented adheres to applicable regulatory requirements, minimising potential environmental, human health and operational risks.

1.3 Planning context

The proposed modification would involve the 'use of land,' the 'carrying out of work' and the erection and/ or demolition of a building or work. On this basis, these works would be considered 'development' under Section 1.5 of the EP&A Act. Unless excluded by an Environmental Planning Instrument (EPI), the carrying out of development typically requires development consent under Part 4 of the EP&A Act. This is the case for the proposed modification. Ampol are proposing to secure development consent for the proposed works as a modification to SSD-5544 under section 4.55(2) of the EP&A Act. This section of the EP&A Act allows for modifications to development consents that involve "other modifications" given that the type and nature of some of the potential impacts may be different to those previously assessed.

A Modification Report was prepared to support the application for the changes to SSD-5544. In line with the requirements of Section 4.55 of the EP&A Act, the Modification Report provided the information required by Section 100 of the *Environmental Planning and Assessment Regulation 2021* (EP&A Regulation). A Conceptual Remedial Action Plan (Conceptual RAP) for the proposed modification (prepared by AECOM in accordance with Ampol instructions) was one of a number of technical documents that formed part of the Modification Report.

The modification application (including the Modification Report and Conceptual RAP) was placed on public exhibition for 23 days from Thursday 10 July 2025 until Friday 1 August 2025 in accordance with the EP&A Act. Submissions were received from government organisations and the community. A Submissions Report has been prepared to respond to stakeholder submissions. This RAP is one of a number of technical documents prepared to support the Submissions Report for MOD-7.

This RAP has been signed off by Certified Environmental Practitioner Site Contamination Specialist Jonathan Ho (No. SC40062) from AECOM and has been reviewed by Registered Environmental Assessment Practitioner, William Miles (No. R80018) from AECOM.

1.4 Site audit

An independent NSW EPA Accredited Site Auditor (Mr Andre Smit) (Site Auditor) has been engaged to provide independent review of this RAP and future RWP(s) and Site Validation works within the Audit Boundary, presented on **Annexure A, Figure F2**). The Audit Boundary excludes two portions of the Project Area: Zone 1 areas which would continue to operate as the Kurnell Terminal and the asbestos contaminated soil (ACS) containment cell located in Zone 2.

1.5 RAP and Remedial Work Plan scopes

This document has been produced in accordance with relevant sections of the Consultants reporting on contaminated land: Contaminated Land Guidelines (NSW EPA, 2020b). **Table 1** below demonstrates which components have been included in this RAP and which would be included in the RWP(s). Some sections within this document have deviated from the specific structure suggested in the guidance document (and these are identified accordingly).

The principal differences between the RAP and the RWP(s) relate to the intent of the documents. The RAP sets the objective, acceptance criteria, remediation and validation approach, defining what success looks like. The RWP(s) packages the RAP into practical steps that can be followed to meet the RAP objectives, detailing how success will be achieved. The RAP will be provided to regulators, Site Auditor, and stakeholders as part of the planning approval documentation, whilst RWP(s) would be developed following development consent, to support remedial actions, for review and input from project team (including principal contractors, contractors, and sub-contractors), Site Auditor, and Ampol.

Table 1 RAP and RWP(s) scopes

Scope	RAP	RWP(s)
Set **remediation goals** that ensure the land to be remediated would be suitable for the proposed use and would pose no unacceptable risk to human health or to the environment.	✓ Refer to **Section 1.2** and **Section 7.0**	In line with RAP
Identify the necessary **approvals and licences** required by regulatory authorities.	✓ Refer to **Section 1.3**	In line with RAP
Provide information on the **nature and extent of impact** based on the available data.	✓ Refer to **Section 3.3, Section 3.4,** and **Section 3.4.10**	✓
Remediation Options Assessment: Evaluate remedial techniques and/or management measures that are required to reduce risks to acceptable levels for the proposed land use of the Project Area, protecting human health and the environment. A decision on **remediation methods** has been provided to inform the modification application.	✓ Refer to **Section 7.0** and **Section 7.3**	✓ (If required based on findings of additional investigations)
Identify remaining nature and extent of impact **data gaps**, where additional works are required (to facilitate the preparation of RWP, contractor specification, and remediation execution).	✓ Refer to **Section 6.5**	✓ If required based on findings of additional investigations)Developed with consideration to the)

Scope	RAP	RWP(s)
Undertake a **Data Gap Assessment (DGA)** to address data gaps and refine current remediation volumes and extents.	✓ based on outcomes of desktop data gap assessment discussed in **Section 3.0.** Refer to **Section 6.5** for data gaps to be investigated prior to RWP development.	✓ developed with consideration to the findings of the additional investigations
Nature and extent of impact following data gap investigation(s).	✓ Refer to **Section 6.5**	✓
Preparation of a detailed remediation design (**Remedial Design**) to inform contractor specification for the remediation. Day-to-day plans to achieve the RAP outcomes.	X	✓
Preparation of a **Human Health and Ecological Risk Assessment (HHERA)** (including the DGA data) to derive risk-based **validation criteria** for the remedial works, (if required) to ensure the remediation has been executed to the appropriate standard to mitigate future risk to human health or the environment.	X	✓ (if required)
Contingency measures should these be required to meet remediation objectives. Contingency measures are included in the RAP but would be revisited in the RWP(s) once the final design is confirmed.	✓ Refer to **Section 7.6**	✓
Establish **Management Plans** to complete the remediation in an acceptable manner including the remediation documents listed in **Section 1.6**.	Acid sulfate soils management plan (ASSMP) framework to be included in RAP at the request of NSW Department of Planning, Housing, and Infrastructure (NSW DPHI). Refer to **Section 7.5.3.3.1**.	✓

1.6 Remediation documentation

Supporting Management Plans and Work Procedures that would be prepared prior to commencement of the remediation works are detailed in **Table 2**.

Table 2 Remediation documentation

Project plans	Prepared by:	Approved by:
SSD- 5544 MOD-7 Modification Report and Submissions Report	Environmental Impact Assessment Consultant	Ampol
Project Management Plan including a Community and Stakeholder Engagement Plan (CSEP)[1], Occupational Health and Safety Plan, Quality Management Plan and Emergency Response and Contingency Plan.	Validation Consultant/ Contractor	Ampol
RWP(s) including Excavation Plans for the contractor, including a Validation Sampling and Analysis Quality Plan(s) (SAQP) and Material Tracking Plan.	Validation Consultant/ Contractor	Ampol/ Auditor
MOD-7 Construction Environmental Management Plan (CEMP) (**Section 9.0**), including but not limited to: • Soil and Water Management Plan (inclusive of ASSMP) • Erosion and Sediment Control Plan • Groundwater Management Plan (GWMP) • Air Quality Management Plan (AQMP) • Waste and Resource Management Plan (WRMP) • Noise and Vibration Management Plan (NVMP) • Construction Traffic Management Plan (CTMP) • Aboriginal Cultural Heritage Management Plan (ACHMP) • Asbestos Management Plan (AMP) • Contamination Management Plan (CMP)	Validation Consultant/ Contractor	Ampol
Waste Classification and Imported Fill assessment letters	Validation Consultant/ Contractor	Ampol/ Auditor
Environmental Management Plans (EMPs) including restrictions on land use (such as intrusive works) and a groundwater monitoring requirements (if required).	Validation Consultant/ Contractor	Ampol /Auditor

[1] Note an overarching CSEP has been prepared that sets out the approach and method(s) for engaging the community and stakeholders for certain Ampol projects at the Site . This plan would be updated to include any specific requirements for the remedial works..

Relevant conditions of consent resulting from the modification application process would be incorporated in the preparation of the above documentation.

[2] Based on aerial photo review – Nearmap May 16, 2021

2.0 Site condition and surrounding environment

2.1 Site identification

The location of the Site is shown on **Annexure A, Figure F1a**. The Project Area is shown on **Annexure A, Figure F2** and is wholly contained within the Site. The Site is located within the Sutherland Shire Council and is zoned as E5 Heavy Industrial. The Project Area comprises portions of a number of existing allotments as shown in **Table 3** and on **Annexure A, Figure F1b**.

Table 3 Allotments within the Project Area

Zone	Lots/ DP
Zone 1 (Operational fuel terminal)	**Lot 25* (DP 776328),** Lots 56*, 57*, and 62* (DP 908), Lot 1 (DP 1044690), Lots 283* and 570 (DP 752064), Lot 1 (DP 132055)
Zone 1A (Eastern Right of Way)	Lots H, J, and K (DP 362655), Lot D, F, and G (DP 361103), Lots 43-46, 77-79, 122-125 (DP 8135), Lot B (DP 338897)
Zone 2 (Former refinery process areas and scrap yard)	**Lot 25* (DP 776328),** Lots 56*, 57*, and 62* (DP 908), Lot 283* (DP 752064)
Zone 3 (Former Caltex Lubrication Oil Refinery [CLOR])	Lot 1 (DP 215819), Lots 1 and 2 (DP 126647), Lot 2 (DP 215818)

*Notes: * = partial lot / DP, contained within Zone 1 to Zone 3, **bold**=partial lot not contained within Zone 1 to Zone 3.*

2.2 Current site condition

The Site consists of a largely developed and fenced area encompassing the Kurnell Terminal and the fenced Eastern Right of Way that pass through the Kurnell Township. Ampol also owns land to the south of the Site and a part of Marton Park along the northern boundary (refer to **Annexure A, Figure F1a**). The Site is typically accessed off Solander Street which connects to Captain Cook Drive. Access is also available from Sir Joseph Banks Drive, but this access point is typically closed for security reasons unless required.

Between 1956 and 2014, the Site was used as both an oil refinery and a fuel terminal. Since refining ceased in 2014, the Site has been primarily used as a finished fuel import and storage terminal. The former refinery uses at the Site means that an ongoing program of targeted remediation activities, in line with the NSW Environment Protection Authority (EPA) approved Kurnell Remediation Action Strategy (Ampol, 2019), are being completed.

2.2.1 The Project Area

The Project Area consists of the majority of Zones 1 and 1A and with the exception of the ACS containment cell, the entirety of Zones 2 and 3. The Project Area, and key Site features have been presented as **Annexure A, Figure F2**.

Zone 1 is the main operational area of the Terminal. The Project Area portion of Zone 1 includes the northern tank farm, office buildings (including the Supply Operations Buildings (SOB), Central Operations Buildings (COB) and Terminal Operations Building (TOB) and extends along the northern boundary with Marton Park and Solander Street. The Zone 1 Project Area excludes the majority of the western and north-eastern tank farms as no modifications are proposed to these areas. Zone 1A is the Eastern Right of Way, which is used by the operational fuel terminal and connects the Kurnell Wharf to the terminal. Remediation is not required in Zone 1A and this area is not considered further in this report.

Zone 2 is where the majority of the processing units and associated buildings related to the Former Caltex Oil Refinery were located. It is defined by Pipeway A to the north, Road 3 to the east, the Pipe Track C and the edge of the vegetation in Zone 4 to the south and Road 9 to the west. This Zone currently sits largely vacant, with some remaining facilities on the northwest quadrant such as the Main Workshop, Central Control Building (CCB), Storehouse and several electrical substations. The southeast and east quadrant is characterised by substantial level changes and retaining wall structures which form terraces leading up to the remaining fuel storage tanks along the eastern side of Road 3 (the Eastern Tank Farm within Zone 1). The southeast corner of Zone 2 is characterised by the former waste treatment area, former landfarm, ACS containment cell, and former limestone pits. The southern boundary of Zone 2 also includes the former fire training area (FFTA).

Zone 3, the former Caltex Lubrication Oil Refinery (CLOR) area, is bounded by Sir Joseph Banks Drive to the west, Road Q and Pipe Track C to the north, Road 15 to the east and Road W to the south. This Zone is currently a large vacant area with access to Sir Joseph Banks Drive and with some short term leases currently operating in the northwest portion of the land. Zone 3 contains a former tank farm, land farm, and former process unit area. The southeast corner on Zone 3 is characterised by an asbestos impacted former landfill area known as Refining Process Improvement Project (RPIP) Mountain, which has through its history received soils from onsite areas. RPIP Mountain is currently an asbestos exclusion zone, where vegetation (low and regenerating conditions) has established.

The location of Project Area in the context of the Site is shown in **Annexure A, Figure F2**.

2.3 Surrounding land use

The Site is bounded by Captain Cook Drive, Solander Street, Marton Park and the community of Kurnell to the north and Sir Joseph Banks Drive and existing and former industrial activities to the west. It is bounded to the south and east by Kamay Botany Bay National Park.

Surrounding land uses are detailed in **Table 4**. Surrounding land uses are displayed on **Annexure A, Figure F1a**.

Table 4 Surrounding Land Uses

Zone	Direction from Zone	Description of Surrounding Land Use	Distance from Site
Zone 1 (Project Area)	North	Marton Park followed by the Kurnell Township (includes local shopping centre, Kurnell Public School)	Marton Park: adjacent northern Site boundary Kurnell Township: west of Marton Park and north of Captain Cook Drive, east of Marton Park, the Township extends south of Captain Cook Drive to the Site's northern boundary.
	East	Northern and Eastern Tank farm and Kamay Botany Bay National Park beyond	Immediately adjacent on eastern boundary of Zone 1
	South	Zone 2 – Existing Ampol terminal	Immediately adjacent on southern boundary of Zone 1
	West	Western Tank farm followed by Captain Cook Drive, Ausgrid South Zone Substation, and Towra Point Nature Reserve	Immediately adjacent on western boundary of Zone 1 and 70 m west (Ausgrid)
Zone 2	North	Zone 1 – Existing Ampol terminal followed by Marton Park	Immediately adjacent on northern boundary of Zone 2 and 300 m (Marton Park)
	East	Eastern Tank farm and Kamay Botany Bay National Park beyond	Immediately adjacent on eastern boundary of Zone 2

Zone	Direction from Zone	Description of Surrounding Land Use	Distance from Site
	South	Zone 3 and 4 and onsite wetland and natural retention basin	Immediately adjacent on southern boundary of Zone 2
	West	Western Tank farm followed by Captain Cook Drive and Ausgrid South Zone Substation	Immediately adjacent on western boundary of Zone 2 and 70 m west (Ausgrid)
Zone 3	North	Zone 2 and the Western Tank farm	Immediately adjacent on northern boundary of Zone 3
	East	Onsite wetland and natural retention basin followed by Kamay Botany Bay National Park	Onsite wetland and natural retention basin: Immediately adjacent on eastern boundary of Zone 3 Kamay Botany Bay National Park: 710 m
	South	Vacant Land followed by Kamay Botany Bay National Park	Vacant land: Immediately adjacent on southern boundary of Zone 3 Kamay Botany Bay National Park: 730 m
	West	Sir Joseph Banks Drive followed by Sydney Desalination Plant (SDP)	Immediately adjacent on western boundary of Zone 3 and 10 m (SDP)

2.4 Topography

The Site is situated on the Kurnell Peninsula, an elevated plateau of Hawkesbury Sandstone, approximately 18 km in length. The Kurnell landscape is described as gently undulating to rolling coastal dune-fields and relict dunes, with local relief to 15 m; slope gradients 1-10%. North-south oriented dunes with convex narrow crests, broad (1,000-2,000 m) gently inclined concave swales and isolated swamps, extensive heathland (NSW Government Environment and Heritage). Surface elevations across the Kurnell Township range from 0 meters Australia Height Datum (mAHD) within swamplands at Quibray Bay, to 55 m Australian Height Datum (AHD) within the Kamay Botany Bay National Park to the south east of the Site. Elevations within the Site range from 4 mAHD within Zone 1 and Zone 2 up to ~30 mAHD along the eastern Site boundary of Zone 1 (close to the Kamay Botany Bay National Park). Zone 3 elevations are around 10 mAHD (Spatial Services, 2016). The local topography has been presented on **Annexure A, Figure F1a**.

2.5 Geology

According to published geological information (Sydney 1:100,00 geological service sheet), the Site is underlain by Quaternary (Pleistocene) wind-blown medium to fine grained well-sorted marine quartz sand. The sandstone is described as medium to coarse-grained, composed predominantly of quartz with minor lithic fragments, feldspar, mica and clay pellets. The Site lies on the aeolian Kurnell landscape unit, composed of gently undulating to rolling coastal dune field and relict dunes (NSW Soil Conservation Service Soil Landscape Series, Wollongong – Port Hacking).

From historical investigations at the Site the bedrock surface elevation rises toward the east and south of the Site, with sandstone outcrops mapped at the northeast and southeast boundaries. Intrusive investigations have identified sandstone bedrock in Zone 3 to be generally shallower in the northern portion with depths ranging from 0.5 meters below ground level (mbgl) to 3.0 mbgl and deeper in the southern portion, generally from 5.5 mbgl to as deep as 14.0 mbgl. Depth to top of bedrock unit in Zone 2 generally ranges between 0.3 mbgl to 19 mbgl, increasing in depth towards the north-west (recorded greater than 30 mbgl at one location)(AECOM, 2025d).

2.6 Acid sulfate soils

Acid sulfate soils (ASS) are naturally occurring sediments commonly found along the NSW coast. Left undisturbed, they do not present any risk, however when ASS are exposed to air (during activities such as excavation) they react with oxygen to create sulfuric acid, which poses a wide range of environmental hazards (Water Quality Australia, 2018), including:

- Severe acidification of soil and drainage waters
- Mobilisation of metals, nutrients, and rare earth metals
- Deoxygenation of waterways and wetlands
- Production of noxious gases
- Production of greenhouse gases
- Scalding of landscapes.

Review of the NSW Acid Sulfate soil (ASS) risk mapping indicates that the Project Area across Zone 1, Zone 2 and the northern portion of Zone 3 is listed as disturbed terrain above 4 mAHD. The southern portion of Zone 3 is mapped as Low Probability above 3 m below ground surface, as shown in **Figure 1** (Acid Sulfate Soils Risk Map, NSW DCCEEW, 2024).

ASS planning maps are included in the LEP for each local council, and in information contained within the online Australian Soil Resource Information System (ASRIS) database. These maps do not provide actual occurrences of ASS at a site or the severity of the conditions. However, they do provide some indication of depth and severity of ASS. From review of LEP ASS Map, the Project Area resides within the Class 4 areas. Class 4 areas require the development of an ASSMP if they meet the following conditions: works at depths beyond 2 m below existing ground level or works by which the water table is likely to be lowered beyond 2 m below existing ground level. Based on the proposed modification works, this requires the development of an ASS management plan (ASSMP, Included as Appendix E2 of the Submissions Report).

A recent investigation within Zone 1 related to an upgrade of surface water infrastructure included an ASS assessment to support excavation and trenching works. Soil testing for ASS found no indicators of actual ASS, though potential ASS (PASS) materials, presenting grey staining and sulphurous odours were encountered within areas mapped as L2 low probability areas on the western boundary of the Site, (AECOM, 2024a). It is therefore considered possible that ASS/PASS may be encountered during intrusive works. The appropriate management of ASS is discussed further in **Section 7.5.3.3.1**.

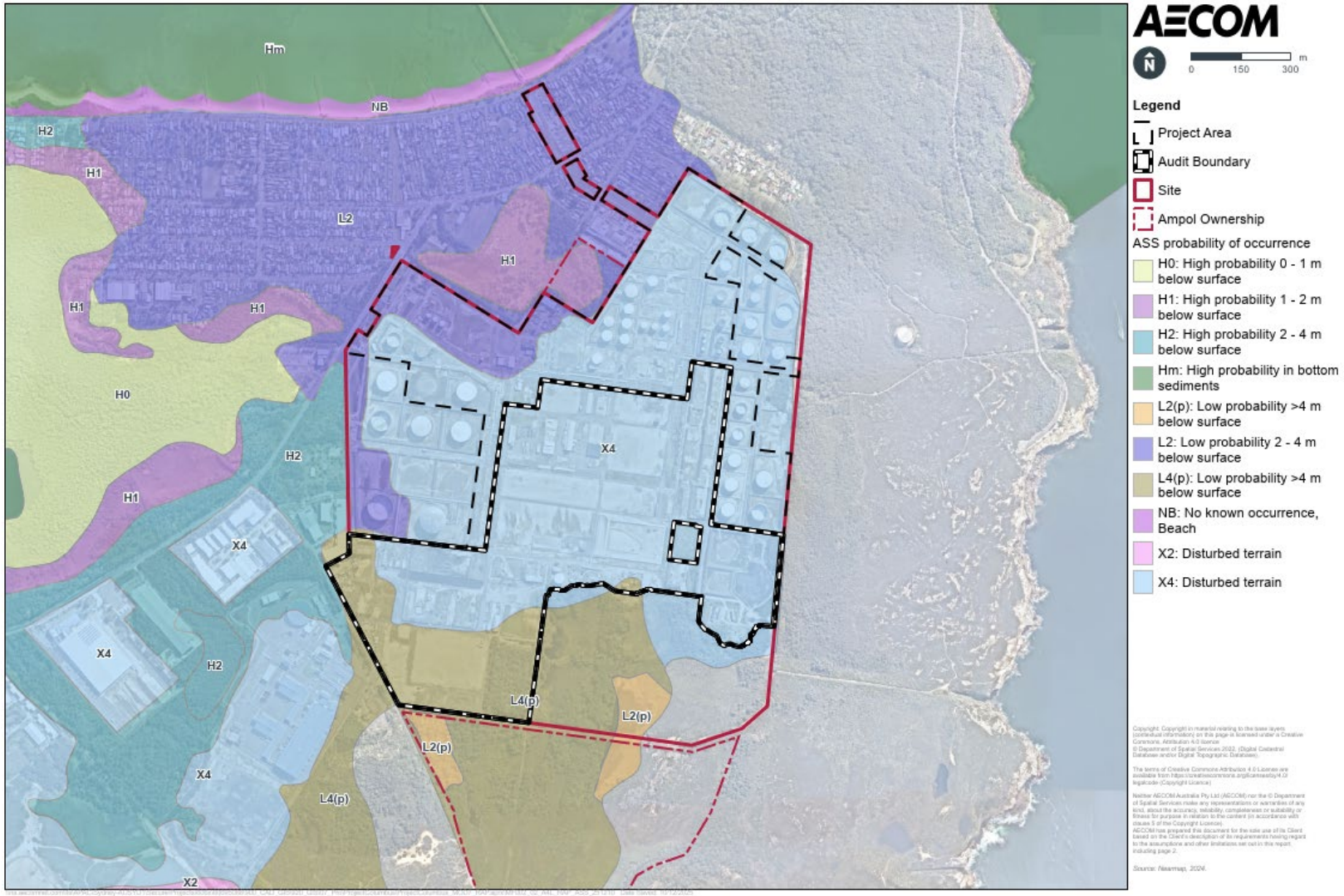

Figure 1 Acid Sulfate Soils Risk Map, NSW DCCEEW, 2024

2.7 Hydrology

The Site is located on the Kurnell Peninsula. The land area of this peninsula, as well as the surrounding marine and estuarine waters, constitute the receiving environment for surface water discharges from the Site. The Kurnell Township's low lying topography and localised depressions can make it vulnerable to flooding dominated by runoff from rainfall. The flooding is characterised by slow moving floodwaters, which can be slow to recede (WMA Water, 2017).

Stormwater generated onsite is collected in the Site's stormwater system (SWS) and discharged to the following receiving environments:

- Quibray Bay
- Botany Bay
- Marton Park Wetland.

The Site is located within the Botany Bay catchment, which extends across a land area of 1,165 km^2. The catchment is part of the Greater Sydney Local Land Services region. The Botany Bay Catchment has four main sub-catchments, based on the major rivers which drain to it. These are the:

- Georges River catchment
- Cooks River catchment
- Woronora catchment
- Botany Bay catchment.

A substantial part of the receiving catchment is highly developed, with almost 40% of its area being used for urban industrial, or commercial purposes (AECOM, 2023f).

The Site has a Waste Water Treatment Plant, to address water that is or may be impacted by petroleum products. Treated water effluent from the Site is discharged via outfall to the Tasman Sea at Yena Gap under the Environment Protection Licence 837.

2.8 Hydrogeology

During recent intrusive works (WSP, 2023d), groundwater levels were observed to vary between 0.7 mbgl and 2.65 mbgl across the areas of investigation in Zone 2 and Zone 3. Groundwater was found to be shallower within Zone 3 and the northern half of Zone 2, and deeper in the southern half of Zone 2. No perched groundwater was identified within Zone 2 and Zone 3, though temporary perched conditions could occur above relatively impermeable horizons following rainfall events, until the water has infiltrated into the underlying units.

During groundwater gauging (WSP 2024f, 2025d, 2025i), shallow groundwater at the Site has a gauged median depth of 2.4 mbgl and ranges between surface and 9.67 m bgl and ranges between 0.44 mAHD and 16.46 mAHD, within an unconfined aquifer in Quaternary sands (the Botany Sands Aquifer). Groundwater flow direction at the Site is influenced by an east-west groundwater divide that runs through the northern portion of Zone 3. To the north of the divide, groundwater flow direction is generally to the northwest. To the south of the divide, groundwater flow direction is generally to the southwest.

The Quaternary aquifer properties (mainly literature values) had been reported by Coffey historically (1996), though an updated assessment was completed by AECOM in 2024 (AECOM, 2024e), this listed aquifer permeability between ~15 to 45 m/d.

The thickness of the Quaternary aquifer is controlled by the underlying Hawksbury sandstone profile, which predominantly acts as imperial flow boundary (aquitard) at the base of the Quaternary sands (Ampol, 2019).

Surface water infiltration is the predominate source of groundwater recharge. As such, the majority of recharge within the Quaternary sands results from infiltration of direct rainfall, as well as increased runoff from areas where the less permeable Hawksbury sandstone outcrops. Groundwater discharge is understood to occur as a combination of:

- Surface water groundwater interaction
- Discharge to the Botany Bay (including Quibray Bay passing beneath Kurnell Village and the Towra Point Nature Reserve), the Marton Park Wetland area and the onsite wetland and natural retention basin south of the FFTA.

2.9 Meteorology

Kurnell, located in southern Sydney, experiences a temperate climate characterised by mild, dry winters and warm, wet summers. This coastal suburb benefits from its proximity to the ocean, which moderates its temperatures throughout the year. The prevailing southeast winds influence the local climate significantly, bringing maritime air masses that contribute to the area's humidity and precipitation levels. Given its geographic position on the Botany Bay headland, Kurnell is exposed to both land and sea breezes which can vary the local weather conditions daily. From climate statistics taken from the nearest weather station (The Bureau of Meteorology [BOM], Sydney Airport AMO, weather station: 066037, 8.5 km north of the Site, data accessed May 2024) rainfall is highest between January and June (average 110.6 mm per month) before drying up from July through to December (average 71.9 mm per month). Average maximum temperatures are highest in January (26.7°C) and lowest in July (17.2°C).

3.0 Site history and previous investigations

3.1 Site history

Prior to the construction of the 'Australian Oil Refinery' between 1953 and 1956, the Kurnell peninsula was used for farming and timber in the 1800s, and for sand extraction in the early 1900s.

The Project Area has been subject to significant historical disturbances including construction of the Australian Oil Refinery in the 1950s, as well as its ongoing use over the past seven decades. These include:

- Construction of several vehicle tracks across the peninsula prior to 1943
- Near complete clearance of native vegetation within the Project Area prior to 1956, including clearing scrub and draining and filling swamps
- Bulk earthworks to excavate and shape the Site to install various refinery infrastructure in late 1950s
- Commencement of the Australian Oil Refinery (the Kurnell Refinery) operations in 1956
- Establishment of large bunds to separate the refinery from the surrounding landscape
- Expanded over the following decades to include the CLOR (then the Australian Lubricating Oils Refinery) in 1961
- Further vegetation clearance and installation of refinery infrastructure around 1970 resulting in the complete removal of existing vegetation across the Project Area
- Ongoing development of the Site, including construction of new and removal of refinery infrastructure from the 1970s to present.
- Construction of FTA around 1998, south of the fuel refinery.

Australian Oil Refinery (the Kurnell Refinery) was the largest oil refinery in NSW and the second largest of the seven oil refineries in Australia up to the 2000s, based on crude oil processing capacity. The Kurnell Refinery received and stored refined products and crude oil for refining into other petroleum products. The Site boundary includes the former operational areas of the Australian Oil Refinery and the CLOR.

The CLOR was in operation through to 2010, whilst the Kurnell Refinery was in operation from 1956 to 2014. Ampol received development consent for the Kurnell Refinery Conversion Project in January 2014 (SSD-5544). Cessation of refining operations occurred in Q4 of 2014.

The Kurnell Terminal now has development consent to manage the following products:

- Gasoline – Unleaded Petrol (ULP), Premium Unleaded Petrol (PULP) and Super Premium Unleaded Petrol (SPULP)
- Diesel
- Jet Fuel.

For further information on the history of the Site, refer to the Updated Heritage Impact Assessment (Appendix K of the Submissions Report), or the Heritage Management Strategy (Australian Museum Consulting, 2014) or Appendix H of the EIS for the Kurnell Refinery Conversion Project (SSD 5544) (URS, 2013).

The current operations at the terminal are managed under the Operational Environmental Management Plan (OEMP) Kurnell Terminal, Final Stage 2 (Ampol, 2021). This OEMP helps Ampol comply with its requirements under the development consent for the Kurnell Terminal (SSD 5544), Environment Protection Licence No. 837 (EPL 837) and the Major Hazard Facility licence for the terminal.

3.2 Historical aerial photo review

Historical aerial photographs of the Site from 1947 to 2024 were reviewed using the NSW Government's Historical imagery viewer database and Nearmap Ltd. A summary of the review is provided in **Table 5** below, with detailed review by individual decision units (DU) (as described in **Table 8**, **Section 4.1**) and copies of the aerial photos included as **Annexure B**.

Table 5 Historical Aerial Photograph Review

Photograph Year	Description
1947	The Site is undeveloped and comprises scrubby vegetation. The surrounding area is similar, however to the west the suburb of Kurnell is visible.
1956	The Kurnell Refinery has commenced development and operation, tank farms are visible to the east and north within the Site, and building structures are present within the central portion of the Site, i.e. within Zone 2. The eastern tank farm has tanks present. To the west, the Site appears to still be in development, cleared land is present, however no structures appear to be present in Zone 3. In the surrounding area the township of Kurnell has further developed, with more pronounced roads and residential structures present.
1961	Further development of the Site is evident with a tank farm present to the west of the Site north of the CLOR area (Zone 3). Zone 3 appears to be undeveloped at this point in time, comprising cleared land and evidence of vegetation. The Eastern Tank farm on the boundary of Zone 2 shows more tanks present. The surrounding area in all directions except west remains undeveloped, the township of Kurnell is present to the north.
1979	Zone 2 appears largely the same as the previous decade. Zone 3 has now been developed with numerous tanks and structures present in this area. The CLOR tank farm is now evident. The area known as RPIP Mountain is evident, appears to be vegetated to the north and south, and cleared within the central portions. The surrounding area appears to be similar to last photo, although commercial developments are present to the south west.
1990	The Site appears similar to previous photo with the layout of tanks and structures roughly similar. The CLOR Process Unit Area is more evident, as this is the first colour photo so structures in this area are now discernible. The surrounding area shows further development with the area currently occupied by the Sydney Desalination Plant (SDP) appearing to have a development in place.
1998	No major changes are noted onsite with exception of the south east corner where it is apparent that storage in the landfarm area is occurring. The Former Fire Training Area now has structures on it, a large tank and shed are visible. The surrounding area also appears similar, with no major changes.
2002	No major changes are noted onsite, the structures appear the same as previous decade. The surrounding area also appears similar, however further developments are noted to the west of the Site.
2010	The Site appears similar to previous decade. The surrounding area shows the development of the current Sydney Desalination Plant (SDP) adjacent to the Site to the south west. Further commercial development is apparent to the west of the site.
2015	The Site appears to be undergoing change as some of the tanks are noted to be open, i.e. the tops have been removed. This is likely associated with the conversion works at the site. Major changes in Zone 3 (the CLOR area) are noticeable, all the infrastructure from the previous photo has been removed and the area looks to be cleared. Zone 2 appears similar to previous photo. The surrounding area appears similar to the previous decade.

Photograph Year	Description
2020	Significant changes to the Site are apparent, major fuel infrastructure and support buildings have been removed, particularly in the centre of the Site (Zone 2). Large, cleared areas are observed in Zone 2, adjacent to the eastern tank farm and south of the bunker building. Large tanks have also been removed in the eastern, northern and western tank farms. RPIP mountain looks to be fully vegetated. The surrounding area appears similar to the previous decade.
2024	Minor changes to the Site, as some areas look to be cleared such as the flare geobag area located west of the asbestos cell. In Zone 3 north of RPIP Mountain the CLOR landfarm area appears to be cleared which is evidence of remediation having occurred in this area. The surrounding area appears similar to the previous decade, however more development is apparent to the south west of the Site where Dicker Data is currently situated.

3.3 Historical sources of contamination

From review of the historical uses of Zone 2 and Zone 3 within the Audit Boundary, historical contamination source types have been identified and defined in **Table 6** below.

Table 6 Zone 2 and 3 sources of contamination

Source type	Description
Lubricating oils operations	Crude oil refining and hydrocarbon processing, involving distillation, and other thermal/chemical treatment units (e.g. hydrotreating, solvent extraction, and solvent dewaxing). Handling, blending, packaging, and storage of feedstock and refined products. Includes product transfer through pipework, tanks, and pumps, with potential for historical leaks and spills.
Lubricating oils storage	Handling, storage, or transfer of lubricating oil products or feedstocks. Potential for historical leaks and spills.
Refinery operations	Crude oil refining and hydrocarbon processing, involving distillation, cracking, catalytic reforming, and other thermal/chemical treatment units. Handling, blending, packaging, and storage of feedstock and refined products. Includes product transfer through pipework, tanks, and pumps, with potential for historical leaks and spills.
Equipment operations	Use of mobile or fixed equipment such as pumps, excavators, forklifts, and maintenance gear. Includes fuel handling and lubricant use.
Workshops	Maintenance workshops (mechanical and electrical) and their associated activities, including parts degreasing, metalwork, lubrication, small-scale solvent use, and battery storage.
Road	Construction and demolition of roads onsite may present or release COPCs within and under the footprint.
Power supply	Substations, transformers, switchgear, and other electrical infrastructure.
Waste water treatment / OWS service	Onsite effluent or oily water treatment facilities (e.g. interceptors, separators, clarifiers, biotreatment systems) receiving process wastewaters and contaminated surface waters. Includes OWS services which transfer effluent across the Site to the treatment facilities.
Stormwater system	Stormwater systems may have been constructed out of asbestos containing materials historically. Stormwater services also contain stormwater which could contain COPC and may release, either through leaks, or during demolition.

Source type	Description
Oil supply	Where oil supply pipelines are present outside of a lubricating oils operations or storage area, the oil supply source type has been defined. Oil supply piping may have had a metals and asbestos associated with its construction, which might be released to surface during maintenance or demolition. The piping also transported oil and fuel refinery products which had the potential to release to ground in the event of a leak or releases (none recorded).
Steam supply	Service steam systems require insulation which may have contained asbestos through the Terminal's history. Metals associated with paint coatings are also a possible surface soil contaminant.
Water supply	Water supply piping may have had heavy metal based paints / coatings that could transfer to underlying surface soils.
Hydroblast / washdown bay	Designated areas for washing vehicles, machinery, or parts, often with sumps and discharge into wastewater treatment systems.
Stockpiling	Temporary or historical storage of fill, product residue, or construction materials as aboveground stockpiles.
Landfilling	Temporary or historical burial of fill, product residue, or construction materials.
Landfarming	Bioremediation of hydrocarbon-impacted soils through aeration and treatment in dedicated areas.
Landscaped areas	Grassed or planted areas, often near office or open space zones. May receive runoff from adjacent hardstand or be affected by past pesticide/herbicide use.
Civil / construction works / demolition	Removal or decommissioning of buildings, tanks, and infrastructure. May involve excavation, concrete breaking, or hazardous material removal.
Fire training grounds	Designated Site areas historically used for emergency response training, involving controlled hydrocarbon fires and application of fire-fighting foams. Activities likely included repeated burning of mock-up vessels or tanks. Training historically may have included aqueous film forming foam (AFFF) applications, though later AFFF was not used in training exercises at the Terminal.
AFFF storage	Designated areas for the storage of AFFF
Limestone pit remediation area	Historical trenches used for the disposal of spent phosphoric acid (SPA) catalyst waste. Waste was chemically neutralised with limestone before emplacement. This activity generated a legacy waste of partially stabilised phosphate-rich material. This led to a legacy phosphate in the surrounding area, which was treated through stabilisation, encapsulation, and phytoremediation to treat the phosphate plume in groundwater.
Bund walls	Bund walls (particularly for bunds from the initial refinery construction) may contain undocumented fill with little to no information about their origins and potential COPCs. From various investigations these generally contain sand, which was likely site derived or locally sourced during initial construction. This can be considered as uncontrolled fill which requires characterisation.
Office buildings	Administrative or operations buildings with low-risk activities but may involve legacy materials.

3.4 Previous investigations

The following subsections provide details on scopes of work historically undertaken at the Site. They are generally presented based on the type of activity completed (e.g. desktop review, groundwater assessments, soil vapour assessments), or the target source area (e.g. former process unit). Within each subsection, works completed have been presented chronologically where possible.

3.4.1 DGA for Sampling, Quality and Analysis Plans (AECOM, 2025e)

To support the development of this RAP and subsequent RWP(s), AECOM was engaged by Ampol to complete a DGA SAQP (AECOM, 2025e), which included the completion of a historical investigation review and assessment of relevant data for the purposes of data gap identification. To support this process, Zones 2 and 3 were subdivided into 16 decision units (DUs) that reflected past and present site activities and physical characteristics, enabling more accurate assessment of source types and associated COPC. An additional decision unit (DU17) was established to evaluate groundwater and soil vapour conditions across the audit boundary. The decision units for the Site are presented spatially on **Annexure A Figure F3**.

Data relevance was assessed based on representativeness and appropriateness in the context of the current Site setting. AECOM completed a review of available historical environmental investigation reports for the Project Area. A total of 71 reports and associated datasets were reviewed and relevant data has been carried forward for interpretation within the DGA SAQP and used to inform this RAP. The reviewed reports have supported the development of the objectives of this RAP (**Section 1.2**) and the remedial options assessment (**Section 7.0**).

The DGA SAQPs produced were reviewed by the Site Auditor and have been used by Ampol to commission further investigation into identified data gaps.

The following investigations (**Section 3.4.2** to **Section 3.4.9**) are considered pertinent to the Site's contamination history and remedial works.

3.4.2 Quarterly Groundwater Monitoring reports – Q1 Q2 and Q4 2023 (WSP, 2023a) (WSP, 2023c) (WSP, 2024b), Q1, Q2, Q3, and Q4 2024 (WSP, 2025d) (WSP, 2024f) (WSP, 2024c) (WSP, 2025i)

The quarterly groundwater monitoring reports detailed groundwater conditions across the Site and have been used to inform the groundwater status in the areas pertinent to the Project Area. PFAS monitoring data collected during this mobilisation is reported under a different program (see **Section 3.4.4**). The report compared results against relevant investigation levels and also monitoring triggers which comprised the following: Tier 1 exceedance, Non-Aqueous Phase Liquid (NAPL) or NAPL indicator concentration recorded, NAPL thickness or contaminant concentration >10x since last Groundwater Monitoring Event (GME), Mann-Kendall analysis indicating an increasing trend, monitoring locations found to be damaged or lost, and change in land use that may change the risk profile.

The information from the latest monitoring report (Q4 2024) indicated that wells located in Zones 1, 2 and 3 show the following results:

- Northern tank farm (within Project Area but outside Audit Boundary) – PHC and metals, LNAPL (and LNAPL indicator concentrations) present within areas of the former tank farms. Concentrations in groundwater at boundary wells were below adopted criteria along the northern and western boundaries.
- North Western tank farm (within Project Area but outside Audit Boundary) – LNAPL and TRH concentrations are present within areas of the former tank farm.. The report noted the pattern of metals in groundwater appears to be unrelated to site activities.
- Eastern Tank farm (within Project Area but outside Audit Boundary) – wells have remained within historical ranges with a number of wells (including the newly installed PU94-PU98) having NAPL or concentrations that indicate NAPL.
- Former CLOR – Tier 1 exceedance for heavy metals, marginally above the screening criteria, and generally within historical concentration ranges. No clear association between the spatial distribution of heavy metals in this monitoring zone and former or current site activities.

- Former fuels refinery – NAPL or NAPL indicator concentrations were present in the central part of this area.
- RPIP Mountain – One monitoring well was assessed at this point in time (PMW64) and no triggers were noted.

3.4.3 CLOR Landfarm (WSP, 2021c, WSP, 2025g [interim])

The CLOR landfarm was remediated via excavation between September 2021 and June 2022. Characterisation works were completed prior to excavation to define the nature and extent of contamination present within the former landfarm. Remediation involved the excavation and offsite disposal of 30,720 t of soils. Validation sampling was completed following excavation and prior to backfill with VENM. The interim validation report concluded that the remediation was successful in removing hydrocarbon and asbestos impacted materials from the area. At the time of drafting this RAP, re-establishment of ground cover in this area is still in progress. .

3.4.4 Soil, groundwater and soil vapour investigation, Former Southern Process Unit and Old Garage Areas (WSP, 2025f)

The purpose of the investigation was to update the assessment on nature and extent of contamination, and refine the CSM of the former Southern Process Unit (SPU) and Old Garage areas of the former Refinery within Zone 2. A scope for a detailed site investigation was undertaken inclusive of soil, soil vapour, and groundwater. Groundwater assessments found no LNAPL, including no exceedances solubility limits. Concentrations of chlorinated hydrocarbons (CHC) were identified in groundwater. Some soil samples recorded PHC exceedances of relevant HSL D commercial / industrial (vapour intrusion) and management limit criteria. No concentrations of CHC were recorded above commercial / industrial criteria in soil. In soil vapour, exceedances of PHC (14) and CHC (six) were present for relevant commercial / industrial criteria. For PHCs these were all in the vicinity of the former SPU. CHC exceedances were present in four locations; adjacent the former hydroblast wash-bay, adjacent the main workshop in the old garage area, in addition to within two PHC exceedance areas in the former SPU.

3.4.5 Soil Vapour Monitoring Program – November 2023 (WSP, 2024a), May 2024 (WSP, 2024e), November 2024 (WSP, 2025e)

The soil vapour monitoring reports detailed soil vapour conditions across the Site and have been used to update the potential for vapour intrusion risk due to soil vapour concentrations in the areas pertinent to the Project Area. The locations relevant to the proposed modification indicated potential soil vapour intrusion risks in vicinity of SV05. SV05 is located within the central area of Zone 2 in the former storage and process areas. The report concluded for this location that as it was in outside open areas the vapour risk level was considered acceptable.

Location SV04 on the south boundary of Zone 1 and north boundary of Zone 2 had concentrations of benzene and TRH F1 exceeding HSL criteria for commercial land use in the November 2023 round and historically. Two additional wells SV203 and SV204 were installed in March 2022 to delineate the impact at SV04 and based on the 2023 soil vapour monitoring, concentrations have been below criteria indicating the area of higher soil vapour around SV04 may be limited in extent.

3.4.6 Asbestos in Soil Investigation – RPIP Mountain Area (AECOM, 2023d) and Soil contamination assessment (AECOM, 2025c)

AECOM completed an asbestos in soil investigation at the RPIP area which included an ecological inspection, establishment of approved access paths through the area and completion of soil sampling though test pitting to provide an in-situ waste classification of soils in the area. The findings indicated that the extent of asbestos contamination within the area was more widespread than suggested by historical sampling.

AECOM followed up these investigations with supplementary soil sampling during geotechnical investigations within RPIP Mountain area. These works focused on assessment of Site COPC at depths up to the water table. During these works, field indicators of ASS were identified at three locations at depths between 2.5 and 3.5 mbgl (depth to water at ~3.0mbgl) within materials logged as natural sands. Subsequent laboratory analysis confirmed these areas as ASS.

3.4.7 Fire Training Area Concrete Slab Assessment Report (Enviropacific, 2022), Historical Investigations Summary – Former Fire Training Area (WSP, 2025c)

The Enviropacific report documented the findings from an assessment of a concrete slab in the fire training area for PFAS. The results of the assessment indicated PFAS was below General Solid Waste (GSW) thresholds in the concrete slab and could be disposed as GSW (with respect to PFAS).

The WSP report summarised the results of five investigations completed at the former fire training area and surrounds between 2016 and 2024. The investigations included soil, sediment, groundwater and surface water results. The investigation found soil results below relevant human health criteria. Groundwater results found PFAS levels above ecological criteria, and recreational criteria at some locations. The report presented an updated exposure assessment in its conclusions and noted possible source pathway receptor (SPR) linkages for human health receptors interacting with groundwater and surface water. Possible SPR linkages for adjoining ecological receptors were also noted as exceedances of ecological indirect exposure criteria were recorded at 10 soil locations.

3.4.8 Ampol Kurnell Terminal PFAS SAQP 2022-2023 Investigation: Summary Report (WSP, 2024db), CLOR South PFAS Soils investigation (WSP, 2024h)

The PFAS Sampling Analysis and Quality Plan (SAQP) summary report's overall objective was to assess the degree and extent of PFAS contamination in surface and groundwater at and in the vicinity of the Site based on results from sampling completed in 2022 and 2023. Ongoing PFAS monitoring and management works are being completed in accordance with the Site's EPL. The SAQP reported on concentrations of PFAS across the site, and provided an update to the PFAS CSM, updated the status of identified data gaps in the PFAS CSM, and made the following conclusions about PFAS understanding:

- PFAS in groundwater and surface water was stable or decreasing
- Remediation being undertaken for PFAS in surface water was under review, with improvement to the system planned
- Data gaps identified in the 2022 PFAS SAQP had been addressed.

Investigations of soils within the Audit Boundary were completed in the CLOR South area in May 2024, targeting areas of elevated PFAS concentrations in groundwater. These works did not detect concentrations of PFAS within soils above the standard laboratory limit of reporting at a total of 79 primary samples collected between surface and 2.0 mbgl (vertical extent of investigation)..

3.4.9 BESS Kurnell Terminal – Geotechnical Interpretative Report (WSP, 2023j)

This report comprised a desktop review of the Site, and site assessment of the Zone 2 and Zone 3 areas, to provide geotechnical advice relevant to design and construction of a proposed BESS and its auxiliary structures. The report provided discussion on the variable stratigraphy underlying the Site, the high groundwater table observed, the extensive and variable nature of fill soils within the Project Area, and the compressible / settlement prone nature of the loose sands at the Site.

3.4.10 Terminal Scrap Yard Environmental Site Assessments (WSP, 2021f, WSP, 2023d and 2023g) and RAP (WSP, 2023h)

Investigations between 2021 and 2023 were conducted at the scrapyard to develop a CSM for the area and understand the risks (if any) to human and environmental receptors. The ESAs concluded that there are localised impacts of PHC, PFAS, and metals in soils, and asbestos is also present within fill materials.

A subsequent RAP was developed setting out proposed activities to reduce the potential impact of these localised impacts on the surrounding environment. The RAP proposed the installation of capping to reduce the potential for impacts in soil to leach into local groundwater.

3.4.11 Remediation Validation Report – CLOR AREA (WSP, 2021h), Soil Vapour Investigation at the former CLOR area (WSP, 2023f)

The validation report detailed the remediation undertaken within the footprint of the former CLOR process unit to address petroleum hydrocarbon (PHC) contamination. The works comprised excavation and offsite disposal of PHC impacted soils, the removal of LNAPL from the excavation, followed by backfilling, and follow-up monitoring. The excavation area[2] is in the south west portion of the former CLOR process unit (DU03), and spanned ~1,480 m^2 . The soil vapour investigation in Zone 3 has been used to refine the assumptions regarding the potential vapour intrusion risk, and includes areas which were remediated. The results showed current vapour data indicating acceptably low risk for slab-on-grade Industrial land use.

3.4.12 Eastern Tank Farm - DSI (WSP, 2020c), recovery of wells and groundwater assessment (WSP, 2022b), groundwater assessment and bi-annual report (WSP, 2023b and 2023e)

Investigations in 2022 focused on the recovery of existing groundwater monitoring features present in the Zone 2 eastern tank farm dating back to remedial and monitoring works in the 1990s. “W” series wells were successfully recovered, and their construction conditions recorded.

Subsequent investigations were conducted to characterise the groundwater and LNAPL present within the area, aimed at confirming the source of groundwater contamination and source of LNAPL, to inform management and remediation strategies. Works included groundwater monitoring and LNAPL sampling for fingerprinting, as well as soil sampling to depths of 6.0 mbgl. LNAPL was present at two of 35 monitoring wells at thicknesses of 0.195 m and 0.576 m. The LNAPL present was likely 30 to 50 years old. The work identified potential interaction between groundwater and the local OWS, which was investigated and discounted as a source in the subsequent investigation. Soil sampling for depth profiling confirmed that PHC contamination was predominantly in deep samples within or directly above the groundwater level. Methyl tert-butyl ether (MTBE) was detected in two of 36 groundwater samples.

An additional round of groundwater monitoring completed in March 2023 investigated natural attenuation processes in groundwater within the eastern tank farm. These works indicated that the natural degradation process currently resides within the anaerobic range, with iron and sulfate reduction indicators observed, whilst oxygen and nitrate had been consumed.

3.4.13 Supplementary Asbestos in Soil Assessment – CLOR Pipeway Area (AECOM, 2023c)

AECOM completed an asbestos in soil investigation within the CLOR pipeway area which included completion of soil sampling through test pitting to provide an in-situ waste classification of soils in the area. The findings indicated that asbestos contamination was present to a depth of 0.4 mbgl (extent of investigation) within the investigation area.

3.4.14 Remediation Action Strategy Report (Ampol, 2019) and Update reports, November 2021 (Ampol, 2021b), 2022 (Ampol, 2022), and 2023 (Ampol, 2023)

The initial RAS report outlined the strategy for management and / or remediation of contamination identified at the Kurnell Terminal with the exception of per and poly-fluoroalkyl substances (PFAS) (discussed in **Section 3.4.4**) and was endorsed by the NSW EPA. The management and / or remediation strategies presented in the RAS are based on the current land use as a Terminal. The RAS broke up the Site into a number of areas of environmental concern (AECs) based on specific Site uses and contaminants encountered. Several of these AECs are located in the Project Area within Zone 1, Zone 2 and Zone 3. Where these historic AEC’s are within the Audit Boundary, they have been incorporated into the Decisions Units (defined in **Section 3.4.1**) and the corresponding DU reference has been included in **Table 7** below, noting the DU boundaries do not necessarily align with AECs from the RAS 2019. An overview of AECs relevant to this RAP are presented in Table 7 below and are presented spatially on **Annexure A, Figure F2**.

[2] Based on aerial photo review – Nearmap May 16, 2021

Following the completion of the RAS, annual update reports were produced, which provided updates on the progress of remedial actions being taken under the Site's RAS.

Table 7 Areas of Environmental Concern

Zone	DU Ref.	AEC Details
Zone 1 and Zone 2	**DU16**	Eastern Tank Farm The eastern tank farm is located in the eastern portion of Zones 1 and 2. The area includes both active and former aboveground storage tanks (AST). There is LNAPL present within this AEC which is the result of a historic spill of product within the tank farm in the early 1990s. The LNAPL plume was remediated through hydraulic removal, however residual LNAPL is still present within the area (WSP, 2018). Based on the age and lack of primary source for the LNAPL, the contamination is not expanding (Ampol, 2019). The eastern portion of this AEC is not within the Audit Boundary, however it is located hydraulically up-gradient of Zone 2 and has the potential to impact within the Audit Boundary.
Zone 1	**NA**	Jet Fuel Remediation Area The Jet Fuel Remediation Area is located within Zone 1, east of the Terminal Operations Building (TOB) within the Contractors Carpark area. There is ongoing groundwater remediation being undertaken at this AEC (Ampol, 2019). Boundary monitoring (PMW22, PMW45) shows primary contaminants in groundwater are limited to the source area (WSP, 2024c). This AEC is within the Project Area but not within the Audit Boundary.
Zone 1	**NA**	North Western Tank Farm The north western tank farm (and the adjacent Tank 124 area to the north) is located in the north of Zone 1. The north western tank farm contains a series of active ASTs, whilst the Tank 124 area is the footprint of now decommissioned cooling water storage tanks and hydrocarbon storage tanks (WSP, 2018). Quarterly groundwater monitoring within this area has identified contamination consistent with the historic fuel storage activities, however concentration trends are stable and there are no exceedances of relevant screening criteria at boundary wells for PHCs (WSP, 2024c). This AEC is within the Project Area but not within the Audit Boundary.
Zone 1	**NA**	Northern Tank Farm The northern tank farm is in the northern most corner of the Site within Zone 1. The area contains residual LNAPL and dissolved phase hydrocarbon contamination. There is a bioventing remediation system installed down hydraulic gradient of the northern tank farm, to treat groundwater. The groundwater contamination within the AEC is subject to ongoing management. This AEC is within the Project Area but not within the Audit Boundary.
Zone 1	**NA**	Former LPG Area The Former LPG Area is located on the north western portion of the Site immediately west of the main entrance, within Zone 1. The Former LPG Area previously contained the LPG loading area, LPG storage, and a weighbridge, which were all removed during the terminal conversion. There is currently one active aboveground storage tank (AST) containing petroleum product within this AEC. Whilst there are no PHC impacts of concern within this area (WSP, 2018), investigations into the presence of asbestos have identified impacts within surface soils which require management or remediation (AECOM, 2023e). This AEC is within the Project Area but not within the Audit Boundary.

Zone	DU Ref.	AEC Details
Zone 2	**DU14**	FFTA The FFTA is located on the southern boundary of Zone 2. It consists of a bunded concrete slab with aboveground props which were historically set alight for firefighting exercises. The FFTA is no longer in use. Assessments into the FFTA concrete slab have been completed (Enviropacific, 2022, discussed in **Section 3.4.7**) and have confirmed the presence of PFAS within the concrete but below the General Solid Waste (GSW) classification (NSW EPA, 2014). Additional works in this area characterised the nature of PFAS in soil and groundwater in this area (WSP, 2025c). These studies concluded that PFAS is present in soils below relevant criteria. PFAS is also present in groundwater and surface water as a result of leaching from soil and concrete. Impacts in groundwater are migrating with the hydrogeological gradient, whilst PFAS impacted surface water has been observed to travel through the Site's adjacent stormwater channel.
Zone 3	**DU02**	Tank 282, Tank 331, and Flare Compound Geobag Areas The Site has been historically identified as having three geobag areas (each located within Zone 2), which were used for storage and processing of geobags containing tank sludge removed from bases of tanks during the refinery decommissioning and demolition works. Geobags were removed from all three compounds between 2019 and 2023. Subsequent validation sampling has confirmed that the areas are suitable for ongoing industrial use (Ampol, 2023) as defined by the ASC NEPM.
Zone 3	**DU02**	CLOR Tank Farm This area has been used to store hydrocarbon impacted soil waste temporarily. Removal of this waste commenced in 2023 and was completed in 2024. In 2025 OWS services within the former tank farm were partially removed. Sampling has been undertaken following the completion of these works, and at the time of drafting this RAP, reporting was underway.
Zone 3	**DU02**	CLOR Landfarm The former CLOR landfarm within the eastern portion of Zone 3 contained hydrocarbon and asbestos waste. This area was used for landfarming prior to construction of a replacement landfarm in the south east corner of Zone 2. The CLOR landfarm was remediated as part of DA20/0104, commencing in 2021 (Ampol, 2023). As part of this work, all former landfarm waste was excavated and disposed offsite. This was followed by validation and backfilling of excavated areas with Virgin Excavated Natural Material (VENM).
Zone 3	**DU03**	CLOR Process Unit Area The CLOR process unit area was initially identified as requiring remediation due to the presence of LNAPL (Ampol, 2019). The area was remediated in 2021 through the excavation and offsite disposal of hydrocarbon contaminated soils, removal of a redundant stormwater basin, as well as two areas of asbestos impacted soils. A validation report was prepared and submitted to Sutherland Shire Council and the NSW EPA in November 2021 (Ampol, 2021b). Subsequent groundwater monitoring at this AEC has found that LNAPL is no longer present and PHC contamination in groundwater did not exceed tier 1 screening criteria (WSP, 2024c).

Zone	DU Ref.	AEC Details
Zone 3	**DU01**	RPIP Mountain Refining Process Improvement Project (RPIP) Mountain is an area in the south east of Zone 3 which has stored stockpiles of soils from other onsite areas containing asbestos and other contaminants. Over time, the stockpiles have been naturally revegetated in low to regenerating condition. Sampling completed by AECOM in 2022 identified asbestos impacts from surface to 2.0 mbgl. Other analytes test (PFAS, metals, PHC) where below human health criteria (commercial / industrial) (AECOM, 2023d). Additional soil sampling was completed in 2025 to investigate the nature of deeper soils within RPIP. Fill was noted to vary between 0.1 and 1.5 m in thickness. Chemical analysis identified similar COPC as the shallower investigations. Within soils between 2 and 3 mbgl (soils noted to be wet from ~2.0 m), ASS was identified at three of 12 investigation locations.
Zone 2	**DU15**	Former Limestone Pits This area is located in the southeastern corner of Zone 2. Remedial works were completed in 2012, with remediation completed through stabilisation and containment onsite, and managed through an EMP. Groundwater management is ongoing through a phytoremediation system. It is noted in the Quarterly GME report (November 2023) that the Limestone pits area is monitored on a biannual basis. A 2018 review of groundwater data (GHD, 2018) found no exceedances of assessment criteria present.

3.4.15 Pre-lease Assessment Reports and Lease Assessment reports for the leased areas (WSP, 2020a) (WSP, 2021b) (WSP, 2021e) (WSP, 2021g) (WSP, 2022a)

The pre-lease assessment reports were prepared for the leased areas along the western boundary of Zone 3. The assessments included intrusive works facilitating broad sampling for asbestos in soils, and targeted sampling for chemical contaminants (related to former operations and process building footprints), and review of available groundwater monitoring data. The reports indicated that the areas to be leased were suitable for industrial land use at the time.

3.4.16 Caltex Kurnell Asbestos Contaminated Soils Modification Works – Pipeways Closure Report (AECOM, 2020)

AECOM was commissioned by Caltex to validate the removal of asbestos contaminated soils from areas termed the pipeways at the Caltex Kurnell Terminal. The objective of the asbestos removal works was to remove the need for works to be completed under the Exemption Order by demonstrating that no asbestos hazard exists to workers undertaking routine work within the pipeways. This work was completed by removing the areas identified as containing asbestos to a depth of between ~ 0.2 m and 0.5 m. Validation sampling was undertaken to confirm if asbestos had been remediated. If asbestos was still present after 0.5 m of excavation, a marker layer was installed, and a minimum of 0.2 m of clean fill placed on top.

Pipe Track C and the CLOR pipeway which are located within Zone 2 and Zone 3, respectively had the following conclusions from the validation report:

- Pipe Track C (referred to as Area W in validation report) – As there was no asbestos lagging used in Area W and the results returned negative for asbestos presence in 20 samples across 28 locations and with crushed concrete fill laid to a depth of 0.2 – 0.3 m above, it was considered that there was sufficient evidence to leave the soil in-situ, and to remove the exemption order.
- CLOR pipeway (referred to as Area Y east and west in validation report) – As there was no asbestos lagging used in Area Y west and the cladding and insulation used in Area Y East was well preserved, and the results returned negative for asbestos presence in 21 samples across 10 sample locations it was considered that there was sufficient evidence to leave the soil in-situ and to remove the exemption order.

It is noted that asbestos still exists within fill soils in the pipeways, beneath the market layer.

3.4.17 Environmental Site Assessment DGA, Caltex Kurnell Terminal (WSP, 2018)

The overall objective of the investigation was to close data gaps in relation to potential sources of contamination within the former refinery process unit areas, pipeways of the Site and redundant tank bunds. The areas investigated for this report of relevance to this RAP are in Zone 1 and Zone 2 only.

The report concluded that of the 12 sections that the investigation was broken up into (5 of which were located within Zone 2, and 2 of which were in Zone 1), WSP deemed that the information from this investigation coupled with previous investigations closed all known data gaps in the areas, with exception of 2 minor data gaps, one of which was related to Zone 2 (none in Zone 1) and noted to be in vicinity of the former support buildings for the power plant area. The data gap related to parts of this area being inaccessible at the time due to demolition works, and as a result, no soil or groundwater data was obtained from these areas at the time.

Soil and groundwater results from the areas relevant to Zone 2 (the Former Fuels Refinery Process Units) indicated exceedances of Health Screening Levels (HSL) Commercial / Industrial -D for total recoverable hydrocarbon (TRH) F1 criteria which may indicate vapour intrusion risk to enclosed spaces, but as the current use at the time was open space this was not deemed applicable. Exceedances of fresh water ecological protection criteria were also noted in groundwater for benzene, xylene and naphthalene. In vicinity of the eastern tank farm it was noted that solvent type odours were observed from several test pits despite only minor hydrocarbon detections in soil samples. The report indicated that potentially other volatile organic compounds (VOC), outside the total recoverable hydrocarbon (TRH) C6-C40 fractions that were tested for, may be present in this area and recommended further soil sampling for VOCs.

The information from this report was used as the basis for the Caltex Refinery Kurnell Special Condition E9: Data Gap investigation Plan, Caltex Kurnell Remediation Action Strategy (RAS) (Ampol, 2019).

4.0 Conceptual Site Model

A CSM provides a spatial and temporal overview of the contamination at a Site and its surroundings. The CSM highlights contamination sources, potential receptors, and the potential exposure pathways between the sources and receptors (SPR linkages). Robust CSMs provide both known and potential SPR linkages and may include the following elements:

- Source and mechanism of chemical release
- A transport medium (or media where contaminants are transferred between media; i.e., air, dust, water, sediment)
- A point of potential human or ecological contact with the contaminated media
- An exposure route (e.g. ingestion, inhalation) at the point of exposure.

Where one or more of the above elements is missing, the exposure pathway is considered incomplete and therefore, there is considered to be no direct risk to the receptors. Where an incomplete exposure pathway is identified, further assessment is not warranted. Where a linkage may exist or has the potential to exist, the exposure pathway is considered further in terms of risk assessment.

Based on the results of the previous investigations and in accordance with the *National Environment Protection (Assessment of Site Contamination) Measure 1999*, amended 2013 (ASC NEPM) (National Environment Protection Council (NEPC), 2013) (herein referred to as the ASC NEPM), a preliminary CSM has been developed for the Project Area. The CSM includes a summary of potential contaminant sources in soil and groundwater, exposure pathways and human and/or ecological receptors. The CSM is outlined in the sub-sections below.

4.1 Sources

The two types of sources of contamination across Zone 1, 2, and 3 which are considered include:

- **Primary Sources**, which include current/historic infrastructure, containers used for the bulk storage or transport of chemicals, and current/historic site activities (e.g. refuelling, or firefighting training)
- **Secondary Sources**, which include soil (including reworked fill and fill from other on Site areas within RPIP mountain) and groundwater (including LNAPL) impacted by PHC, chemical solvents, and other chemicals.

The ongoing storage of PHC would continue at the Site within Zone 1 for the foreseeable future. Bulk storage of PHC, within above ground storage tanks, occurs in the north eastern, eastern and western portions of the Site. Finished fuels are supplied to the Kurnell Wharf on the south side of Botany Bay by tankers and piped through the eastern right of way to the terminal. These fuels are stored at the Kurnell Terminal until needed and then transferred through pipes back through the eastern right of way under Botany Bay and on to other terminals and Sydney Airport.

The fuel storage and transfer infrastructure at the Kurnell Terminal is managed through ongoing operation and maintenance activities. The historical petroleum storage and refinery activities at the Site within Zones 1, 2 and 3 served as primary sources for asbestos within soils, due to the presence of asbestos within building and plant materials (in the form of gaskets, lagging, fibre boards, among others). Asbestos secondary sources are related to RPIP Mountain where fill materials which contained asbestos were stockpiled, and from recycled building materials originating from the Site, potentially containing asbestos, was used as fill at the Site.

The primary source of PFAS is related to the storage and historical use of fluorinated firefighting foam at the Site. The locations include the FFTA where firefighting training was conducted, the foam deluge system associated with the former process areas and storage tanks across the Site and within the CLOR area on the western side of the former process units adjacent to Road 16 where a temporary foam storage trailer was stored. Secondary sources have been identified through prior environmental investigations of the Site, primarily focussed on redundant areas of the Site, the relevant areas in Zone 2 and Zone 3 include the former fire training area, former fuels refinery, and the former CLOR.

The above information has been organised into general source types introduced in **Table 6**, **Section 3.3** to support the development of a robust CSM. As discussed in **Section 3.4.1**, as part of the AECOM DGA SAQP (AECOM, 2025e), the investigation boundaries were revised to ensure all current and historical sources had been considered. To aid this exercise, Zone 2 and Zone 3 were divided into 16 decision units (DUs) that considered historical and current Site uses and physical Site features, allowing for more accurate review and assignment of source types and COPC. One additional decision unit was defined to allow for the consideration of groundwater and soil vapour across the Audit Boundary (DU17). The decision units for the Site are presented spatially on **Annexure A Figure F3**, and the decision units are identified in **Table 8** below. Where historical assessments have identified an exceedance of screening criteria, the relevant COPC / contaminated area within the DU has been listed (AECOM, 2025e).

Further to **Table 8** the potential sources of contamination for each Zone and DU are presented in **Table 9**, **Table 10**, and **Table 11**. In this review, where a COPC was known to be present or used based on the given source / activity, it has been considered primary (P), whilst if it had the potential to be present or used, it has been considered secondary (S). Additionally, where historical data was not available for a COPC, these have also been retained and listed..

Table 8 Decision Unit identification and potential sources

DU ID	Title	Area (ha)	Potential Sources	Contaminated areas - COPC	Current status
DU01	RPIP Mountain	3.6	• RPIP area (stockpiling, landfilling, civil / construction / demolition works, equipment operations) • Stormwater system • Aboveground services (steam supply, water supply, oil supply) • Roads	RPIP area – Asbestos	Source area excavation (SAE) to manage potential asbestos migration risk (see **Section 7.5.3.2**)
DU02	Former CLOR Tank Farm	9.1	• Former CLOR Tank Farm (lubricating oils storage, equipment operations, stockpiling, landfarming, civil / construction works / demolition works) • Pipeways (lubricating oils storage, OWS services, stormwater system, civil / construction works / demolition works) • Tank Truck Loading Rack (TTLR) (Lubricating oils storage, equipment operations, civil / construction / demolition works) • TTLR former landscaped areas (landscaped areas, equipment operations, civil / construction works / demolition works) • OWS services • Roads • Stormwater system	DU wide fill – Asbestos	Currently managed through site specific controls, discussed in **Section 4.4.1**.
DU03	Former CLOR Process Unit	3.9	• Former CLOR Tank Farm (lubricating oils storage, equipment operations, stockpiling, landfarming, civil / construction works / demolition works) • Parking area • Roads • Stormwater system • OWS transfer pit	Former CLOR Tank Farm – Asbestos, total recoverable hydrocarbons (TRH) (non-volatile fractions)	Currently managed through site specific controls, discussed in **Section 4.4.1**..**4.4.1**.
DU04	Former CLOR Waste Water Treatment Plant (WWTP)	0.8	• Fill soils (stockpiling, civil / construction works / demolition works, equipment operations) • Former WWTP • Power supply • Roads • Stormwater system • Water supply	DU wide fill – Asbestos	Currently managed through site specific controls, discussed in **Section 4.4.14.4.1**.
DU05	Southern set-down area	0.8	• Fill soils (stockpiling, washdown bay, landfarming, equipment operations) • Roads • Stormwater system • Former building footprints (office buildings, civil / construction works / demolition works) • Aboveground services (steam supply, water supply)	DU wide fill – Asbestos	Currently managed through site specific controls, discussed in **Section 4.4.1**.**4.4.1**

DU ID	Title	Area (ha)	Potential Sources	Contaminated areas - COPC	Current status
DU06	Former Office Areas	3.7	• Unsealed areas (stockpiling, civil / construction works / demolition works, equipment operations) • Roads • OWS services • Stormwater system • Washdown bay • Office buildings • Workshops • Landscaped areas • Water supply	DU wide fill – Asbestos	Currently managed through site specific controls, discussed in **Section 4.4.1**.
DU07	Warehouse and set-down area	2.7	• Emergency response yard (equipment operations, workshops, AFFF storage) • Material management yard (equipment operations, stockpiling, civil / construction works / demolition works) • Stockpile (fuel refinery operations, lube oil refinery operations, office buildings, power supply) • Earthmoving yard and 'sieve shed' (equipment operations, workshops, civil / construction works / demolition works, AFFF storage) • Roads, • OWS services • SWS • Aboveground services (steam supply, water supply, oil supply)	DU wide fill – Asbestos	Currently managed through site specific controls, discussed in **Section 4.4.1**.
DU08	Former CLOR Landfarm	1.4	• Former landfarm (landfarming, equipment operations) • Truck wash bay (equipment operations, washdown bay) • Roads • Aboveground services (steam supply, water supply, oil supply)	1. Former landfarm – TRH (F2) 2. Roads – Asbestos	1. Impacts exceed management limits. Further investigation as part of DGA detailed site investigation (DSI). 2. Currently managed (physical barriers installed (WSP, 2025g)).
DU09	Western Lease Areas (north and south)	1.6	• Supply yard (equipment operations, civil / construction / demolition works) • Skip bin rental yard (equipment operations, civil / construction / demolition works, stockpiling) • Earthmoving yard and workshop (Equipment operations, workshops, civil / construction / demolition works, stockpiling) • Roads • Stormwater system • Landscaped areas	1. Landscaped areas – Asbestos 2. Diffuse fill soils – Asbestos	1. Currently managed through site specific controls and capping within specific landscaped areas (WSP, 2025b). 2. Fill soils are currently sealed, and managed through site specific controls, as discussed in **Section 4.4.1**.
DU10	Southern Process Unit	9.1	• Diffuse fill soils (refinery operations, equipment operations, stockpiling) • Roads • Power supply • OWS services • Stormwater system • Civil / construction works / demolition works	1. DU wide fill – Asbestos 2. Diffuse fill soils – PHC	1. Currently managed through site specific controls, as discussed in **Section 4.4.1**. 2. SAE (see **Section 7.5.3.2**)
DU11	Former Workshop, CCB & Power Plant	7.6	• Fill soils (stockpiling, civil / construction works / demolition works, equipment operations) • Hydroblast area • Roads • Stormwater drains	DU wide fill – Asbestos	Currently managed through site specific controls, as discussed in **Section 4.4.1**.

DU ID	Title	Area (ha)	Potential Sources	Contaminated areas - COPC	Current status
			• OWS services • Power supply • Former workshop		
DU12	Central Process Units	6.7	• Fill soils (refinery operations, stockpiling, civil / construction works / demolition works, equipment operations) • Roads • Stormwater drains • OWS services • Power supply	1. DU wide fill – Asbestos 2. Former refinery areas – PHC	1. Currently managed through site specific controls, as discussed in **Section 4.4.1**. 2. Impacts exceed HSL D (VI[3]) and management limits. SAE (see **Section 7.5.3.2**). Refinement of SAE volume and extent as part of DGA DSI.
DU13	Former Flare Area	3.5	• Fill soils (refinery operations, stockpiling, civil / construction works / demolition works, equipment operations) • Roads • Stormwater drains • OWS services	1. DU wide fill – Asbestos 2. Former flare – metals, PHC	1. Currently managed (capped) 2. Currently managed through site specific controls, as discussed in **Section 4.4.1**.
DU14	Former Fire Training Area	1.0	• Fill soils (fire training grounds, landscaped areas) • Roads • Power supply • AFFF storage and use • Office buildings • OWS services •	1. DU wide fill – Asbestos 2. Limited PFAS exceedances of ecological (indirect exposure) soil criteria. The area is a noted PFAS source area.	1. Currently managed through site specific controls, as discussed in **Section 4.4.1**. 2. SAE (see **Section 7.5.3.2**)
DU15	Waste Management Area	7.4	• Fill soils (landfilling, landfarming, stockpiling) • Roads • Waste water treatment (oily water) • Stormwater system • Landscaped areas • Tank farm • Limestone pit • Washdown bay	1. Fill soils (scrap yard) – lead, PFAS 2. Fill soils (landfarm) – PHC, B(a)P 3. DU wide fill – Asbestos	1. No SPR linkage. 2. Currently managed through site specific controls, as discussed in **Section 4.4.1**. 3. Currently managed through site specific controls, as discussed in **Section 4.4.1**.
DU16	Main Pipeway and Eastern Tank farm	10.0	• Fill soils (Fuel refinery operations, equipment operations) • Bund walls • Roads • Power supply • OWS services • Stormwater system	DU wide fill – Asbestos	Currently managed through site specific controls, as discussed in **Section 4.4.1**.
DU17*	Zone 2 and Zone 3 Groundwater and Vapour (excluding asbestos containment cell)	73.1	• As per those identified within individual decision units for soil	DU10 Former refinery areas – PHC and CHC in groundwater and soil vapour	SAE (see **Section 7.5.3.2**). Refinement of SAE volume and extent as part of DGA DSI.
				DU11 Workshop and former hydroblast - CHC in soil vapour	SAE (see **Section 7.5.3.2**). Refinement of SAE volume and extent as part of DGA DSI.
				DU12 Former refinery areas – PHC in groundwater	SAE (see **Section 7.5.3.2**). Refinement of SAE volume and extent as part of DGA DSI.
				DU16 Former tank farm - PHC in groundwater (including LNAPL)	SAE (see **Section 7.5.3.2**). Refinement of SAE volume and extent as part of DGA DSI.

Note: Sources listed within brackets "( )" are standard source types which contribute to a unique or DU specific source.

[3] VI – vapour intrusion

4.2 COPCs

Based on the known sources presented in **Table 8**, COPC for the Project Area and Audit Boundary have been presented in **Table 9**, **Table 10** and **Table** 11 below based on each Zone.

Table 9 COPC by Zone and Media

Zone	Media	COPC
Zone 1	Soil Groundwater	• Asbestos (soil only) • TRH • Benzene, toluene, ethylbenzene, xylenes and naphthalene (BTEXN) • Polycyclic aromatic hydrocarbons (PAHs) • PFAS • Heavy metals (8 metals and expanded metals)[1] • Organochlorine and Organophosphorus Pesticides (OCP and OPP) • Herbicides • Phenols • Polychlorinated Biphenyls (PCBs) • VOCs including CHC[1] • Semi Volatile Organic Contaminants (SVOCs). • Fuel refinery additives[1]
Zone 2	Soil Groundwater	• Asbestos (soil only) • TRH • BTEXN • PAHs • PFAS • Heavy metals (8 metals and expanded metals)[1] • OCP and OPP • Herbicides • Phenols • PCBs • VOCs including CHC[1] • SVOCs • Fuel refinery additives[1] • Refining by-products[1] • Refinery process chemicals (landfarm areas only)[1]
Zone 3	Soil Groundwater	• Asbestos (soil only) • TRH • BTEXN • PAHs • PFAS • Heavy metals (8 metals and expanded metals)[1] • OCP and OPP • Phenols • PCBs • VOCs including CHC[1] • SVOCs • Fuel refinery additives (landfarm / landfill areas only)[1] • Refining by-products[1] • Refinery process chemicals[1]

*Note: 1 – COPC groupings details provided in **Section 4.2.1***

Table 10 Zone 2 known source types and COPC

Source type	Asbestos	TRH	BTEXN	PAHs	PFAS (source areas)	8 metals[1]	expanded metals[1]	OCP and OPP (building footprints)	Herbicides (green areas)	Phenols	PCBs (sub-station areas)	CHC[1]	Refinery process chemicals[1]	Fuel refinery additives[1]	Refining by products[1]
Fuel Refinery Operations	P	P	P	P	S	P	S			P		S	S	S	S
Equipment operations		P	P	S								S			
Workshops	P	P	P	P	S	P		S	S			S			
Roads	S	S	S	S		P									
Power supply	P	P		P		P		S	S	P	P				
Waste water treatment / OWS service	P	P	P	P	S	S				P		S	S		
Stormwater system	P	S	S	S	S	S									
Steam supply	P					S									
Water supply						S									
Hydroblast / washdown Bay	S	S	S	S	S	S				S		S			
Stockpiling*	P	P	P	P	S	P	*	S	S	P		S			
Landfilling*	P	P	P	P	S	S	*			S		S	S	S	
Landfarming*	P	P	P	P	S	S	*			S		S	S		
Civil / construction works / demolition works	P					P									
Landscaped areas	S								S						
Fire training grounds		S	S	S	P	S				S					
AFFF storage					P										
Limestone Pit Remediation Zone		P	P												
Office buildings	P					S		S	S						
Tank farm	P	P	P	P	S		S			P		S		P	S

*Note: P = Primary source, S = Secondary source, * COPC To be assessed based on origins of materials relevant to the given source with the DU. 1: COPC groupings details provided in* ***Section 4.2.1***

Table 11 Zone 3 known source types and COPC

Source type	Asbestos	TRH	BTEXN	PAHs	PFAS (source areas)	8 metals[1]	expanded metals[1]	OCP and OPP (building footprints)	Herbicides (green areas)	Phenols	PCBs (sub-station areas)	CHC[1]	Refinery process chemicals[1]	Fuel Refinery Additives[1]	Refining by-products[1]
Lubricating oils operations	P	P	P	P	S	P	S			P		S	S		S
Lubricating oils storage	P	P	P	P	S	P	S			P		S	S		S
Fuel refinery operations (Zone 2)	P	P	P	P	S	P	S			P		S	S	S	S
Equipment operations		P	P	S								S			
Workshops	P	P	P	P	S	P		S	S			S			
Roads	S	S	S	S		P									
Power supply	P	P		P		P		S	S	P	P				
Waste water treatment / OWS	P	P	P	P	S	S				P		S	S		
Stormwater system	P	S	S	S	S	S									
Steam supply	P					S									
Water supply						S									
Oil supply	P	S	S	S		S				S					
Washdown bay / Hydroblast bay	S	S	S	S	S	S				S		S			
Stockpiling*	P	P	P	P	S	P		S	S	P		S			
Landfilling*	P	P	P	P	S	S				S		S	S	S	
Land-farming*	P	P	P	P	S	S				S		S	S		
Civil / construction works / demolition works	P					P									
Landscaped areas	S								S						
AFFF storage					P										
Office buildings	P					S		S	S						
Tank farm	P	P	P	P	S		S			P		S	P	P	S

*Note: P = Primary source, S = Secondary source, * COPC to be assessed based on origins of materials relevant to the given source with the DU. 1: COPC groupings details provided in* ***Section 4.2.1***

4.2.1 COPC definitions

COPC presented as groupings in **Table 9**, **Table 10**, and **Table 11** have been defined in **Table 12** below.

Table 12 COPC constituents

COPC Groups	Detailed Constituents
PHC	Petroleum hydrocarbons includes: BTEXN: benzene, toluene, ethylbenzene, xylene, naphthalene TRH: total recoverable hydrocarbons
PAH	Includes 16 PAHs most commonly reported for contaminated site (WHO 1998). This considers the presence of carcinogenic PAHs and naphthalene (the most volatile PAH, notably also included within the BTEXN grouping).
PFAS	Includes PFAS compounds with published NEMP 3.0 guideline values: Perfluorooctane sulfonic acid (PFOS), Perfluorooctanoic acid (PFOA) and Perfluorohexane sulfonic acid (PFHxS), recognising that other PFAS including other long-chain perfluoroalkyl acids (PFAAs), precursors to PFAS, and some cyclic fluorochemicals where relevant, would be considered.
8 metals	NEPM Schedule B metals: As, Cd, Cr, Cu, Ni, Pb, Zn, Hg
Expanded metals	Expanded metals suite, notably including additional metal analytes which may be present in a fuel and oil refinery setting: • Co: catalyst in hydro-processing. May be present in residues. • Mn: may appear from fuel additives • Se: may be present in trace quantities in crude, accumulating in sludges. • V: present in crude, and accumulates in waste residues, and spent catalysts • Mo: Present in hydro-cracking catalyst
OCP and OPP	Includes OCPs related to potential pest control treatments that might have been applied to legacy buildings at the Site. These commonly include: • DDT, DDE, DDD • Aldrin and dieldrin • Chlordane • Heptachlor • Endrin OPPs began to replace OCPs in the 1970s, and whilst less persistent than OCPs would also be considered where relevant, including: • Bifenthrin • Chlorpyrifos
Herbicides	Includes herbicides related to routine weed management at the Site, including phenoxy herbicides.
Phenols	Includes phenol, cresols, chlorophenols, and nitro-phenols
PCBs	Includes both dioxin-like and non-dioxin-like PCBs given the presence of potential sources (transformers) at the Site.
CHC	Target compounds are chlorinated solvents historically used as degreaser. Includes: • trichloroethene (TCE), • tetrachloroethene (PCE), • 1,1,1-trichloroethane (TCA), • carbon tetrachloride (CT), • chloroform. Additionally, consider daughter products: • vinyl chloride (VC), • 1,1-dichloroethene (DCE),

COPC Groups	Detailed Constituents
	• cis-1,2-DCE (cis-DCE), • trans-1,2-DCE (trans-DCE),
Refinery process chemicals	Furfural and Methyl Ethyl Ketone (MEK) – used in the CLOR refinery process, but potential to occur in landfarm soils.
Fuel refinery additives	Methyl tert-butyl ether (MTBE), tetraethyl lead (TEL). It is noted that MTBE was not imported as an unmixed additive, but may have been present in blended fuels received at the former refinery or terminal. Its presence is considered to be limited to a potential minor component (up to ~ 1 %) within imported fuels stored at the terminal.
Refining by-products	total cyanide, sulphur, nitrogen compounds

4.3 Receptors

Potential receptors for the Project Area include[4]:

Onsite

- Onsite workers (commercial / industrial occupants)
- Onsite intrusive maintenance workers

Offsite

- Offsite residents (north of the Project Area)
- Offsite commercial / industrial workers (industrial workers outside the Project Area, within the Ampol site boundary, and areas outside Ampol ownership, north west and south west of the Site)
- Offsite intrusive maintenance workers
- Offsite ecological receptors (surrounding the Project Area, includes the Ampol owned wetlands to the south of Zone 3, and areas outside Ampol ownership as discussed in **Section 2.3**).
- Offsite surface water users (within the Botany Bay, Marton Park Wetland, and Quibray Bay, as discussed in **Section 2.7**).

4.4 Exposure pathways

The following exposure pathways may apply for human health and ecological receptors:

i. Dermal contact and incidental ingestion of soil/groundwater/surface water

ii. Inhalation of soil derived dust or fibres in indoor and/or outdoor air

iii. Inhalation of soil vapours within a trench

iv. Inhalation of soil vapours within indoor air and/or outdoor air.

Rationale for each pathway mechanism is presented in **Table 13** below.

[4] For the purpose of this source pathway receptor assessment, onsite/ offsite relate to the Project Area boundary.

Table 13 Exposure pathway mechanisms

Matrix	Pathway and exposure mechanism
Soil	**Human health receptors** Human health receptors (e.g. intrusive maintenance workers or future Site users) may be exposed to COPC in shallow, unsealed soil during ground disturbance activities. These activities may result in dermal contact and incidental ingestion of impacted soils. Additionally, disturbance of shallow soil may lead to the generation of dust or fibres that could be inhaled by receptors in both indoor and outdoor settings. For soils impacted by volatile COPC (e.g. PHC, PAHs, CHCs), there is a potential for vapour migration into indoor or confined outdoor spaces, such as utility trenches. As such vapour inhalation has been included as a pathway for occupied buildings (current and future) and trench environments (when present). **Ecological receptors** Are unlikely due to the predominantly disturbed and developed nature of the Site; though potential for ecological exposure may be considered in less-disturbed areas (e.g. RPIP mountain), where exposure to impacted shallow soils may occur. Other onsite areas that may require consideration to potential ecological receptors are along the southern Zone 2 and Zone 3 boundary, which are adjacent Ampol owned vegetated areas.
Groundwater	**Human health receptors** Groundwater is present at a variety of depths across the Site, from near surface to 9.8 mbgl (discussed further in **Section 2.8**) within the Audit Boundary, indicating that direct contact, and incidental ingestion of COPC in groundwater is plausible during subsurface intrusive works, such as trenching, piling, or excavations. Additionally, the potential for incidental ingestion and dermal contact during these activities exists, primarily affecting human health receptors. In areas that groundwater contains volatile COPC, vapour intrusion into occupied buildings (existing or future) represents a potential inhalation exposure pathway for human health receptors. Similarly, vapour inhalation within trench environments may occur during maintenance works. Per NSW Health recommendations, people within urban areas should use the public drinking water supply for consumption, food preparation, and personal hygiene. The Kurnell area is serviced by a reticulated water supply. A groundwater bore search indicates the presence of registered groundwater abstraction bores within the residential area to the north of the Site. Offsite residential groundwater bore use has been surveyed as part of historic works (WSP, 2024d). Surveys identified that bore water use was limited to recreational purposes (irrigation of lawns and vegetables, filling of pools, washing of surfaces). **Ecological receptors** Ecological receptors associated with groundwater dependent ecosystems (downgradient) may potentially be exposed via contaminant migration. Groundwater migration to surface water (aquatic) ecosystems may also be relevant offsite
Surface water	Surface water may act as both a transport and receiving medium for sediments and COPC, particularly during heavy or prolonged rainfall events. The Site's local drainage characteristics, receiving catchments, and discharge points are summarised in **Section 2.7**, which outlines that stormwater from the Site is ultimately discharged to receiving environments such as Quibray Bay, and Botany Bay, as well as to Marton Park Wetland. These environments may support recreational or ecological receptors, for whom dermal contact and

Matrix	Pathway and exposure mechanism
	incidental ingestion of contaminated surface water represent plausible exposure pathways, particularly where surface water is accessible. In addition to surface water infiltration facilitating downward contaminant migration to shallow groundwater, there is potential for groundwater to discharge to surface water via upward flux or baseflow contributions, especially in low-lying or tidally influenced areas.

4.4.1 Site specific controls

The Site currently has a OEMP developed to provide management solutions for potential environmental impacts arising from the operation of the Kurnell Terminal. This plan is a live document, which is progressively reviewed and updated to align with Site operations and conditions as they evolve. The scope of the OEMP includes the operational activities undertaken by Ampol employees, contractors and subcontractors at the Site and any area under the Site's operational control. The implementation of the plan enables Ampol to achieve its aim to "operate in such a way as to minimise adverse impacts on the environment and communities in which it operates."

The OEMP is supported by a number of management sub plans, to address specific environmental aspects of the Terminal, including:

- Noise management plan
- Air quality management plan
- Soil and water management plan
- Waste and resource management plan
- Traffic management plan
- Biodiversity, pest and weed management plan
- Biosecurity incident response management plan
- Asbestos contaminated soil containment cell – Long-term environment management plan.

It also sets out the Kurnell Terminal Approvals Register, and identifies the current licences, permits, and consents obtained by Ampol for the Site. The OEMP includes references to the Permit to Work system which covers cold, hot, excavation and confined space work at the Site and enacts site-specific controls for each of these activities.

The OEMP is supported by the Site's Asbestos management plan. Given the Site's history and the known use of asbestos containing materials within the former refinery, intrusive works undertaken at the Site are governed by the Terminal's permitting process, which requires the engagement of an licensed asbestos assessor to ensure works are completed in accordance with relevant legislation.

4.5 SPR Linkage assessments

Based on the information detailed in **Section 4.1** to **Section 4.4** , SPR linkage assessments for the Project Area have been completed, and presented as **Table 14** below. CSM and its linkage assessments would be updated following the completion of additional site investigation, as per Table 2.3 and Table 2(a) of the Contaminated Land Guidelines: Consultants Reporting on Contaminated Land (NSW EPA, 2020b).

Table 14 Source-Pathway-Receptor linkages

Zone Areas (zone 1) or DU (zone 2 and 3)	Media	COPCs	Receptors[4]	Complete or potential complete pathway
Zone 1 **Areas include:** **LPG Area** **Eastern Tank farm** **north western tank farm**	Soil	• Asbestos • TRH • BTEXN • PAHs • PFAS • Heavy metals (expanded metals) • OCP and OPP and herbicides • Phenols • PCBs • VOCs (including CHCs) • SVOCs • Fuel refinery additives	• Onsite workers	Incomplete, managed by OEMP protocols
			• Onsite maintenance workers	Incomplete, managed by OEMP protocols
	Groundwater	• TRH • BTEXN • PAHs • PFAS • Heavy metals (expanded metals) • OCP and OPP and herbicides • Phenols • VOCs (including CHCs) • SVOCs • Fuel refinery additives	• Onsite workers	• Incomplete, managed by OEMP protocols
			• Onsite maintenance workers	• Incomplete, managed by OEMP protocols
			• Offsite residents (north of the Site)	• Potentially Complete for PFAS related to the use of extracted groundwater for purposes such as irrigation and recreational use.*
			• Offsite commercial workers	• Potentially Complete for PFAS related to the potential use of extracted groundwater for purposes such as incidental ingestion*
			• Offsite intrusive maintenance workers	• Potentially Complete for PFAS related to the potential for incidental ingestion of groundwater during intrusive works*
			• Offsite ecological	• Potentially Complete for PFAS related to the potential for ingestion of groundwater in groundwater dependant ecosystem* or where a groundwater to surface water connection exists.
Zone 2 and Zone 3 **Areas include:** **DU01: RPIP Mountain** **DU02: Former CLOR Tank Farm** **DU03: Former CLOR Process Unit** **DU04: Former CLOR WWTP** **DU05: Southern Set-down Area** **DU06: Western Office Areas** **DU07: Warehouse and set-down area** **DU08: Former CLOR Landfarm** **DU09: Western Lease Areas** **DU10: Former southern process unit** **DU11: Workshop and garage area** **DU12: Former central process unit** **DU13: Former flare** **DU14: FFTA** **DU15: Waste management area**	Soil	• Asbestos • TRH • BTEXN • PAHs • PFAS • Heavy metals (expanded metals) • OCP and OPP and herbicides • Phenols • PCBs • VOCs (including CHCs) • SVOCs • Fuel refinery additives • Refinery by-products • Refinery process chemicals	• Onsite workers	• Incomplete, managed by OEMP protocols
			• Onsite maintenance workers	• Incomplete, managed by OEMP protocols
	Groundwater	• TRH • BTEXN	• Onsite workers	• Incomplete, managed by OEMP protocols
			• Onsite maintenance workers	• Incomplete, managed by OEMP protocols

Zone Areas (zone 1) or DU (zone 2 and 3)	Media	COPCs	Receptors[4]	Complete or potential complete pathway
DU16: Former eastern tank farm		• PAHs • PFAS • Heavy metals (expanded metals) • OCP and OPP and herbicides • Phenols • VOCs (including CHCs) • SVOCs • Fuel refinery additives • Refinery by-products • Refinery process chemicals	• Offsite ecological (Wetlands to south of Zone 2 boundary, nature reserves east of Zone 2, Ampol owned vegetated areas south of Zone 3)	• Potentially Complete for PFAS related to the potential for ingestion of groundwater in groundwater dependant ecosystem* or where a groundwater to surface water connection exists.
			• Offsite intrusive maintenance workers	• Potentially Complete for PFAS related to the potential for incidental ingestion of groundwater during intrusive works*
			• Offsite commercial workers	• Potentially Complete for PFAS related to the potential use of extracted groundwater for purposes such as incidental ingestion*

** Potentially complete pathway relates to PFAS contaminants which are present in groundwater at the nearest relevant down-hydraulic gradient Site boundary transect.*

4.6 LNAPL CSM

The NSW EPA *Information Technical note –Light non-aqueous phase liquids (LNAPL) Assessment and Remediation,* (2015) requires that when LNAPL is identified, a LNAPL Conceptual Site Model (LCSM) is developed that integrates Site data and interpretations in order to identify and assess potential risks from LNAPL to receptors.

Collection of groundwater, soil and vapour data has historically been conducted to assess petroleum hydrocarbon impacts and based on the available data, there is currently no complete pathway for the LNAPL to present a risk to human health at this the Site. The following sub-sections summarise the developed LCSM.

4.6.1 Source information

Given the current and historical use of the Site as a fuel and oil terminal and refinery, primary sources of hydrocarbon contamination are associated with hydrocarbon fuel and oil storage and distribution. Secondary sources of contamination include contaminated soil and groundwater.

Historical LNAPL has been observed within the onsite monitoring well network in the following areas:

- Zone 1: Northern Tank Farm
- Zone 1: North western Tank Farm
- Zone 2 (DU16): Eastern Tank Farm
- Zone 3 (DU02): CLOR process unit area

For current observations of LNAPL are limited to the eastern tank farm and north west tank farm. The depth to LNAPL has been recorded as follows:

- eastern tank farm ranges from 3.151 to 3.665 mbgl
- north western tank farm range from 1.482 to 2.499 mbgl.

LNAPL in the CLOR process unit area was remediated in 2021 (WSP, 2021h). LNAPL has not been detected in groundwater monitoring completed following remediation, and PHC contamination in groundwater does not exceed tier 1 screening criteria (WSP, 2024c, WSP, 2023f).

LNAPL within the northern tank farm has not been detected in the 2023 or 2024 monitoring years. PHC concentrations in groundwater in this area do however remain above the ASC NEMP (2013) saturation limits.

It is understood that LNAPL is also present within Zone 1 in the vicinity of the Contractor's Car Park. The area is referred to as the Jet Remediation Area and is under a program of remediation preceding the 2019 RAS. There are proposed modifications to the firewater system (FWS) in this area and the existing remediation system and activities in this area would be considered during these works.

Fingerprint testing from wells exhibiting LNAPL within Zone 1 in the Northern Tank Farm and Northwestern Tank Farm indicated that the LNAPL was the result of historical release and based on age (greater than 10 years in the environment [Ampol, 2019]) and lack of a current source, it is considered in the 2023 RAS update that the LNAPL footprint in this area was likely to be stable. Given these LNAPL plumes are delineated, stable, and down hydraulic gradient from the Audit Boundary, they are not expected to impact remediation.

Within the Audit Boundary, LNAPL as of 2024 groundwater monitoring is limited to Zone 2, at monitoring wells W14, W15 and W16 within the eastern tank farm. These LNAPL observations are presented on **Annexure A, F4**. Historically LNAPL has also been observed in W05 (WSP, 2018). This LNAPL is linked to a spill of approximately 495 kL of light fraction Catalytic Naphtha within the eastern tank farm in the early 1990's (WSP, 2022b). Within the broader Project Area, there is additionally LNAPL present within the north western tank farm (WSP, 2025i), and historically within the northern tank farm.

4.6.2 Transport

Once product such as fuel or oil is released at the ground surface or from shallow infrastructure (for example, pipelines or aboveground storage tanks), it migrates vertically through the vadose zone under gravity. During this initial vertical migration, LNAPL may partially partition to soil vapour or adsorb to soil particles, although the dominant movement pathway is downward infiltration until the capillary fringe is encountered. At the capillary fringe, capillary forces promote lateral spreading and the formation of a mobile LNAPL body.

Fluctuations in groundwater level strongly influence LNAPL distribution. During drought or extended dry periods, lowering of the water table can allow LNAPL to migrate further vertically, increasing the thickness of the mobile interval. When groundwater levels rise during wetter periods, the ascending water table can trap LNAPL as discontinuous residual product within the newly saturated zone, forming a vertical ‘smear zone’. Further lateral movement may also occur along the capillary fringe during these periods. Over time, a portion of the LNAPL dissolves into groundwater, contributing to the dissolved phase plume.

At the Site, the current distribution of LNAPL from observations from groundwater monitoring wells, indicates three distinct areas of LNAPL presence (WSP, 2025i) that are delineated within the Site boundary. This distribution is consistent with historical release locations.

Changes in hydrological and hydrogeological conditions, including prolonged rainfall or drought, may continue to influence the mobility and extent of both LNAPL and the associated dissolved phase plume.

During remediation, there is potential for increased rainfall or flooding to mobilise LNAPL. Mitigation measures would be implemented, including maintaining the Site’s stormwater diversion channels and OWS, and applying the Site’s surface water management plan to limit inflow of water to the excavations, as discussed in **Section 7.5.2, Section 7.5.3.8** and **Section 7.5.3.10**. Additionally, where excavation is occurring, groundwater monitoring would be completed at nearby wells, to monitor for changes in LNAPL mobility should conditions change. This monitoring requirement would be set out in the specific RWP(s).

4.6.3 Risks to receptors

The relevant potential receptors for exposure pathways from LNAPL are limited to onsite commercial/ industrial workers and short term intrusive maintenance workers as the LNAPL is delineated onsite (WSP, 2024c, WSP, 2024f, WSP, 2025d, WSP, 2025i). Potential risks that LNAPL exposure pathways may present are as follows:

- If ground disturbance works are undertaken and penetrate the subsurface, groundwater could be encountered and could result in dermal contact or incidental ingestion to onsite workers
- Additionally, LNAPL in groundwater and vadose zone soils may present a vapour intrusion risk to intrusive maintenance workers (shallow trench and confined space workers)
- Soil vapour intrusion risks may be present under the current zoned land use scenario should buildings be constructed above areas with identified LNAPL.

Risks to onsite workers from potential LNAPL in vadose zone soils and groundwater are managed by the Site’s health and safety control systems.

LNAPL in groundwater is not expected to be encountered through extraction, as there are no identified bore water users within the Site boundary / extent of the LNAPL plumes.

5.0 Tier 1 screening assessment

5.1 Introduction

Historical soil and groundwater data from the Project Area have been considered in the context of the current regulatory framework as part of the DGA historical data review, and the available soil, groundwater, and soil vapour data set has been evaluated against current Tier 1 screening values. The objective of this screening exercise is to identify impact that may present a risk based on a specific end use (i.e. the zoned commercial / industrial use for Zone 2 and 3, based on current or future activities, and the on-going use of Zone 1 for terminal operations).

This Tier 1 screening assessment supports identification of areas for additional assessment, or where the conditions require it, development of a remedial approach to address the issue.

Additional assessment may be beneficial in refining the risk profile (refer to **Section 6.5**) where data gaps exist. Refining the risk profile may also refine the volume and extent of remediation (which would feature in the RWP[s]). Where screening assessment levels are exceeded, certain areas may benefit from a detailed risk assessment that considers both the specific soil, groundwater, and soil vapour conditions/parameters as well as the proposed end use for the area.

In selecting the Tier 1 criteria the following assumptions were made about the Site:

- The contaminant profile of the Project Area is consistent with a typical mixture of petroleum contamination and the Health Screening Levels (HSLs) are appropriate for a screening assessment
- Sample depth, while it is understood that there are plans for future development that may change the final finished levels of Zones 2 and 3, this assessment has considered the data based on current ground levels
- It is assumed that future intrusive/development works at the Project Area would be undertaken utilising appropriate safety protocols, including personal protective equipment (PPE) and following the relevant CEMP(s)
- Groundwater is generally not shallower than 1 mbgl across the Project Area and therefore direct contact with groundwater in a typical commercial / industrial use scenario is unlikely and would not be subject to remediation for this potential exposure pathway
- The predominant soil type across the Project Area is sand
- Groundwater in the Project Area would continue to not be abstracted for any use other than environmental monitoring following remediation.

The Tier 1 criteria for the identified COPCs (**Section 4.2**), for a commercial/ industrial end use are defined by the ASC NEPM, and where no criteria is presented, hierarchy for screening are defined (see **Table 15**, **Table 17**, and **Table 19**).

The overarching national guidance document for PFAS screening and management in Australia is the PFAS National Environmental Management Plan (NEMP), version 3.0 (endorsed December 2024 and published March 2025) developed by the Heads of Environmental Protection Agencies (EPAs) Australia and New Zealand (HEPA).

The PFAS NEMP 3.0 provides a nationally consistent PFAS, risk-based framework for assessment of PFAS in land, groundwater, surface water and other receiving environments. In this version of the NEMP, the criteria are designed to be adaptive to emerging scientific evidence.

The NEMP document presents criteria for three PFAS compounds only: Perfluorooctane sulfonic acid (PFOS), Perfluorooctanoate acid (PFOA) and Perfluorohexane sulfonic acid (PFHxS). Both the Australian and NSW State position on the use of PFAS screening criteria continues to evolve and is subject to change. While the NSW EPA's position remains under consideration (particularly in relation to finalisation of NHMRC drinking water guidelines), the NSW EPA is currently taking a staged, risk based approach to the implementation of NEMP 3.0[5]. In addition, the same three PFAS compounds are listed as prohibited chemicals under the Industrial Chemicals Environmental Management Standard (iChEMS) register. Implementation and regulation of PFAS under iChEMS is currently being developed by NSW EPA. Subsequent regulatory developments will be monitored and material changes that would affect this RAP would be considered in the RWP or as a RAP addendum, if required.

The below sections define the current applicable Tier 1 criteria for:

- soil, groundwater and soil vapour for human health receptors in a commercial/ industrial land use scenario and intrusive maintenance workers
- soil and groundwater criteria for ecological receptors for a commercial/ industrial land use scenario and offsite ecological receptors, noting the limited extent of identified ecological receptors onsite discussed in **Section 4.3**
- PHC management limits for soil, non-health-based upper values applied alongside health and ecological screening to manage risks of LNAPL, fire and explosion, damage to buried infrastructure, and aesthetics, expressed by TRH criteria.

Where there is no Tier 1 criteria (e.g. furfural) laboratory protocol LOR would be applied as a screening criteria. Results reported below the LOR would be considered as non-exceedances.

5.2 Soil assessment criteria

5.2.1 Human health

The adopted soil criteria for commercial/ industrial workers and intrusive maintenance workers are listed in **Table 15**. Where future surface levels are not known, soil data will be assessed the most conservative screening depths (i.e. 0-1m depth)

Table 15 Human health – soil criteria

Compound	Exposure pathway	Relevant criteria
PHC		
TRH fractions, BTEX, and naphthalene 0-1 m depth, 1-2 m depth, 2-4 m depth and >4 m depth	Vapour inhalation – commercial/ industrial worker	Soil Health Screening Levels for Vapour Intrusion (HSL D) Sand. Source: Table 1A (3) ASC NEPM (NEPC, 2013).
TRH Fractions, BTEX, and naphthalene	Direct soil contact – commercial/ industrial worker	Health Screening Levels HSL D Direct Contact. Source: CRC Care 2011, Technical Report 10, Part 2 - Table B4.
TRH fractions, BTEX, and naphthalene All depths where trenching may occur. Noting that deep trenches are likely to require specific health and safety procedures.	Direct contact/ ingestion – intrusive maintenance worker[1]	Soil HSL Direct Contact (Int. Main. Worker) Sand. Source: CRC Care 2011, Technical Report 10, Part 2 - Table B4.

[5] Reference: NSW EPA position statement on NEMP 3.0. Updated June 2025. Via epa.nsw.gov.au

Compound	Exposure pathway	Relevant criteria
TRH Fractions, BTEX, and naphthalene 0-<2 m depth, 2-<4 m depth, 4 m + depth	Vapour inhalation - intrusive maintenance worker[1]	Soil HSL for Vapour Intrusion (Int. Main. Worker – Shallow Trench) Sand. Source: CRC Care 2011, Technical Report 10, Part 2 - Table B3.
Other COPC		
Metals, PAHs, Phenols, Organochlorine Pesticides, PCBs	Direct contact/ingestion – commercial/ industrial worker	Health Investigation Levels Commercial/ industrial (HIL D) Source: Table 1A(1) ASC NEPM (NEPC, 2013).
Asbestos	Inhalation - commercial/ industrial/ maintenance worker	Asbestos in soil screening levels Source: ASC NEPM (2013) Table 7 Comm / Ind D HSL for asbestos in soil and Table 3 Western Australia (WA) Department of Health (DoH) guidelines (2021)
VOCs and SVOCs (without criteria)	Inhalation/direct contact - commercial/ industrial worker	Where there are no criteria in ASC NEPM, the results are compared to the laboratory protocol limit of reporting (LOR). Where the LOR is exceeded or elevated, the results are to be screened against the US EPA Regional Screening Levels (RSLs) for industrial soil. Source: US EPA, November 2024, Regional Screening Levels – Industrial Soil
PFAS – Sum of PFOS and PFHxS and PFOA	Direct contact - commercial/ industrial worker[2]	HIL D Source: Table 2, NEMP 3.0 (HEPA, 2025)

Notes:
1. For intrusive maintenance workers it is assumed that the activities being undertaken align with the exposure assumptions presented in CRC Care Technical Report 10 (including activities occurring for less than 1 year).
2. The industrial/ commercial criteria assume 8 hours is spent indoors and 1 hour spent outdoors at a location such as a shop, office, factory or industrial site. If the typical exposure for a site is predominantly outdoors with significant earthen areas, recalculation of a site-specific value is recommended. As future development of a site is not anticipated to likely comprise significant earthen areas and due inherent conservatisms built into the criteria (e.g. assuming 20 % of the tolerable daily intake), the Amended National Environment Protection (Assessment of Site Contamination) Measure (2013) (ASC NEPM) commercial/ industrial criteria are deemed appropriate for this RAP.

5.2.2 Ecological receptors

Ecological Screening Levels (ESLs) and ecological investigation levels (EILs) for soil listed in **Table 16**. The ESLs and EILs have limited application under the current Site use scenario (**Section 4.3**), however would be applicable to future garden and landscaped areas should they be present within a future development (within a commercial/ industrial context). The below apply to soil less than 2 metres in depth as root zone and habitation of many species typically within 0-2 m depth only.

Table 16 Ecological – soil criteria

Compound	Relevant criteria
TRH Fractions, BTEX and benzo(a)pyrene in Soil:	ESLs for Commercial/ Industrial, Coarse Soil Source: Table 1B (5) ASC NEPM (NEPC, 2013). Typically applicable to top 2 m of soil.
Lead, naphthalene, arsenic	Generic Added Contaminant Limit (ACL) (Lead) and EILs (naphthalene, arsenic) for commercial/ industrial land use Source: Table 1B(4) and 1B(5) ASC NEPM (NEPC, 2013).
Chromium (III), copper, zinc, and nickel	Site specific EILs for commercial/ industrial land use (ACL+ Ambient Background Concentration (ABC) = EIL) Source: ACLs in Table 1B(1), Table 1B(2) and Table 1B(3) ASC NEPM (NEPC, 2013). ABCs for old suburb and high traffic in NSW (Olszowy et al. 1995) in ASC NEPM Schedule B5c.
PFAS – PFOS and PFOA	Ecological direct and indirect exposure values* Source: Table 3, NEMP 3.0 (HEPA, 2025) *It is acknowledged that the soil ecological criteria presented in the NEMP are interim values. The NEMP states that indirect exposure value may be over-protective where the area of exposed soil is too small to have any material impact on food chain transfer to secondary consumers, for example if: • the site is intensively developed with greater than 80% of each hectare covered by hard surfaces (to be applied separately to each hectare). • secondary consumers are effectively absent from the site • the site is situated in an extensively built-up urban setting • the site is not in close proximity to waterways, drainage networks or groundwater As the site has not been demonstrated to meet the above, the more stringent criteria has been selected (0.003 mg/kg for PFOS) as a conservative screening measure.

5.2.3 Management limits

Beyond the screening assessment against human health and ecological criteria, other adverse effects of PHC contamination may be a consideration. The effects include:

- free phase formation
- fire and explosive hazards
- effects on buried infrastructure.

Management limits (MLs) have been derived to assess for these effects and are typically applied after consideration of the relevant HSL and ESL criteria. The ML criteria for coarse soil for a commercial/ industrial scenario have been adopted from Table 1B (7) ASC NEPM (NEPC, 2013).

5.2.4 Aesthetics

Any residual aesthetic issues identified would be considered in the appropriateness of the remediation or the suitability of a site in accordance with the NSW Auditor Guidelines 3rd Edition (2017) and the ASC NEPM. For example, highly malodours or discoloured soils or extracted groundwater or large deposits of refuse material requires balanced consideration of the quantity, type and distribution of foreign material or odours in relation to the specific land use and its sensitivity.

5.3 Groundwater assessment criteria

5.3.1 Human health

The adopted groundwater criteria for commercial/ industrial workers, intrusive maintenance workers and offsite recreational receptors are listed in **Table 17**.

Direct contact with groundwater may also occur if an excavation intercepts the water table. This pathway has not been considered in this section. These works usually require health and safety procedures to be followed. Excavation works proposed for remedial purposes may intercept shallow groundwater, either during SAE or utility removal. Potential risks related to these instances are to be managed under health and safety protocols during the remediation, as per management plans outlined in **Section 1.6**.

Direct contact exposure with residual groundwater impacts following the proposed modification would be managed by the controls defined by one or more EMP(s) including restriction on groundwater abstraction and health and safety protocols for intrusive maintenance works.

Table 17 Human health – groundwater criteria

Compound	Exposure pathway	Relevant criteria
TRH Fractions, BTEX, and naphthalene in groundwater. <2 m[1], 2-4m, 4-8 m, 8m+ depths	Vapour intrusion/ inhalation – commercial/ industrial land use scenario[2]	Groundwater HSL (HSL-D) (Sand) Source: Table 1A(4) ASC NEPM (NEPC, 2013) or measurement of soil vapour (refer to **Section**).
TRH Fractions, BTEX, and naphthalene in groundwater: All depths where trenching may occur. Noting that deep trenches are likely to require specific health and safety procedures.	Vapour intrusion/inhalation – intrusive maintenance worker[3]	Groundwater HSL (Int. Main. Worker) Sand. Source: CRC Care 2011, Technical Report 10, Part 2 - Table A2 or measurement of soil vapour (refer to Section)

Compound	Exposure pathway	Relevant criteria
PFAS All depths	Human Health – recreational users[4]	Recreational water quality guideline value Source: Table 1, NEMP 3.0 (HEPA, 2025), to be applied to monitoring wells at the down hydraulic gradient boundary of the Site, protective of offsite recreational water users including incidental ingestion during garden watering.
BTEX, metals, VOCs and SVOCs (including CHCs) All depths	Human Health – recreational users[4]	To be applied to monitoring wells at the down hydraulic gradient boundary of the Site, protective of offsite recreational water users. ADWG values multiplied by a factor of 10 Source: Australian Drinking Water Guidelines (ADWG), (National Health and Medical Research Council (NHMRC), 2011, updated June 2025) Where there is no guideline value is available, the laboratory protocol LOR is applied as a screening value. Where the protocol LOR is exceeded, the concentration is compared to the US EPA RSLs for drinking water (with 10 fold factor applied).
TRH Fractions, BTEX, and naphthalene in LNAPL	Vapour inhalation	Not assessed as HSLs are not applicable, and site specific risk assessment may be required. Risk via vapour intrusion can be assessed through soil vapour, provided LNAPL is shown to be stable and not spreading. LNAPL needs to be remediated to such an extent that further removal or treatment of LNAPL no longer reduces the level of risk. In general, LNAPL clean-up would continue if the LNAPL (or associated dissolved phase) is still spreading. This is not observed to be the case within the Project Area based on extensive remediation and monitoring completed at the Site to date, as evidenced in the groundwater monitoring data and associated reports (refer to **Section 3.4**).

1. For shallow groundwater (<2 m), measurement of soil vapour, or a site-specific risk assessment is recommended because of the sensitivity of the derived HSL to the depth of the groundwater. Small variations in water level (such as those related to rainfall or tidal influence) can change the HSL significantly, and can also affect the potential for direct contact with the contaminated groundwater (e.g. by utility trench workers).
2. The industrial/commercial HSL criteria assumes activities being undertaken align with the exposure assumptions presented in CRC Care Technical Report 10 including adult person working at premises for eight hours per day, five days per week for thirty years.
3. For intrusive maintenance workers it is assumed that the activities being undertaken align with the exposure assumptions presented in CRC Care Technical Report 10 including activities occurring for less than 1 year.
4. Recreational criteria for offsite receptors have been adopted as a conservative screening criteria. The recreational criteria are the NHMRC (2011, updated June 2025) ADWG with a factor of 10 applied. Drinking water criteria has not been adopted as groundwater is not used for potable water in the area.

5.3.2 Ecological receptors

Groundwater results at adjacent down hydraulic gradient Site boundaries identified offsite ecological receptors (presented in **Section 2.3** and **Section 4.3**) would be screened against the appropriate ecological criteria which are listed in **Table 18**. The primary document in Australia for the consideration of ecological criteria is the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (Australian and New Zealand and Australian State and Territory Governments (ANZG), August 2018). The ANZG 2018 presents criteria for both freshwater and marine systems for four levels of species protection (99%, 95%, 90% and 80%).

There are a range of aquatic environments surrounding the Site including Marton Park Wetland, mangroves in Quibray Bay and surrounding estuarine creeks including within Towra Point Nature Reserve which ultimately discharge into Botany Bay and the Tasman Sea. These environments range from slightly to moderately disturbed to highly disturbed. The ANZG 2018 guidelines recommend the most conservative criteria from fresh and marine criteria are adopted for estuarine environments as salinity levels vary.

The Water Quality Guidelines (ANZG, 2018) advise to apply 95% species protection default guideline values (DGVs), or 99% species protection for highly bioaccumulating toxicants in slightly to moderately disturbed systems. This approach is generally adopted for chemicals that bioaccumulate and biomagnify in wildlife.

Table 18 Ecological – groundwater criteria

Compound	Exposure pathway	Relevant criteria
BTEX, Metals, PAHs, Phenols, VOCs/SVOCs (including CHCs), OCs, OPs, PCBs, pesticides in groundwater.	Groundwater migration to offsite ecological receptors	Marine and freshwater ANZG criteria (most conservative value) with 95% species protection and 99% for bio-accumulative compounds. Source: ANZG, 2018
PFAS – PFOA and PFOS	Groundwater migration to offsite ecological receptors	95% and 99% interim marine/freshwater for PFOS and PFOA* based on discharge points being the Sir Joseph Banks Drive channel (95%) and onsite wetland (99%) Source: Table 5, NEMP 3.0 (HEPA, 2025)

5.4 Soil vapour assessment criteria

Soil vapour criteria is listed in **Table 19**.

Table 19 Human health – vapour criteria

Compound	Exposure pathway	Relevant criteria
TRH Fractions, BTEX, and naphthalene	Vapour inhalation	Soil vapour HSLs (HSL D) Sand. Source: Table 1A(5) ASC NEPM (NEPC, 2013).
VOCs including CHCs	Vapour inhalation	Interim HILs for VOCs[6] Source: Table 1A(2) ASC NEPM (NEPC, 2013). For VOCs detected above LOR, but not included in the NEPM, USEPA RSLs for industrial air will be used as a basis for deriving Tier 1 criteria based on NEPM attenuation factors.

[6] For individual VOCs where interim HILs are not available (or considered overly conservative), site specific criteria may be derived based on a quantitative risk assessment.

6.0 Extent of remediation and management required

6.1 Overview

For the current operational use of the Site as a fuel terminal, the remediation objectives are set out in the RAS and are met through the completed and ongoing remedial activities detailed in this strategy and through the Site's management controls. Under the proposed modification, remediation is proposed in particular areas or focused on specific activities, including:

- Addressing legacy refinery contamination to reduce mass of PHC and VOCs contamination and remove ongoing sources
- Removing LNAPL within SAEs opportunistically where present to mitigate potential future vapour intrusion risk, and subsequent groundwater monitoring to confirm reduction in dissolve phase PHC and VOCs in groundwater
- Removing PFAS impacted shallow soils from source areas (such as the FFTA) and disposing of them offsite, to permanently reduce PFAS mass onsite and, over time, PFAS leaching and migration to groundwater and surface water thereby improving groundwater quality.

As LNAPL has been delineated onsite and does not present an offsite migration risk, the removal of LNAPL or volatile COPC (PHC and VOC) within SAEs would be undertaken to mitigate any potential vapour intrusion risks that the LNAPL presents. This approach is consistent with the overall remediation strategy and is devised to maximise, to the extent practicable, its potential future uses as commercial industrial land.

As part of the management and maintenance of surface water flows during MOD7 works, there will also be excavation to increase the onsite stormwater detention (OSD) capacity of the open drainage channel present on the western boundary of RPIP (shown on **Annex A, Figure F2**). The drainage channel will be reinstated in line with any existing EPL conditions. Further reference to the OSD works in this Report will be grouped with activities related to the consolidation of operational infrastructure (e.g. OWS and FWS removal). Further information relating to the OSD can be found in SSD-5544 MOD7 Appendix I – Technical Report – Surface Water, Wastewater and Flooding.

It is noted that data gap investigations at the Site are ongoing, and may affect the nature and extent of identified remediation areas. Where changes to remediation required are minor and are sufficiently addressed by the methodologies and volumes set out in this RAP, the required amendments would be addressed in the subsequent RWP(s). If the required remediation approach is not covered by this RAP, further development consent would be sought.

6.2 Soil / Fill / LNAPL

The remedial excavations targeting LNAPL and PHCs would predominantly be limited by the depth of groundwater, typically less than 4 mbgl, with excavation to target the smear zone within 1 m of the groundwater table. Excavations would be generally focused on horizons within 1 mbgl, including soil impact, LNAPL (in limited areas), and possible soils/sludges in the OWS system and surrounds. In areas with LNAPL impacts, the overlying unsaturated soils would be removed to the extent practicable to reduce the mass of PHC contamination. If free phase LNAPL is visually present on the excavation pit water, it would be removed and transferred to dedicated containers for offsite disposal.

Measurable LNAPL presence based on the 2024 quarterly groundwater monitoring (WSP, 2025d; WSP, 2024f; WSP, 2024c; WSP, 2025i) was observed within nine wells within the Project Area, three of which (W14, W15 and W16) were within the Audit Boundary, within the eastern portion of Zone 2 (DU16 eastern tank farm). LNAPL thickness varies between 1 mm and 50 mm. Depth to LNAPL in this location ranges from 3 to 4 mbgl. If feasible, excavation in this area would continue into the water table, removing up to one metre of the saturated zone to target secondary source smear zone soils which likely contain residual LNAPL. It is noted that excavation in loose grounds such as that within the terraced areas (DU16, eastern tank farm) may not be feasible due to poor ground stability. Additional geotechnical feasibility assessments would further inform the RWP development.

The six other LNAPL wells are located within the north western tank farm within Zone 1, outside of the Audit Boundary. Proposed trenching works for the FWS may intersect this area. Groundwater in the north western tank farm is at depths ranging from 1.4 to 2.5 mbgl, with LNAPL thicknesses varying between 1 mm and 0.75 m. **Annexure A, Figure F4** displays the locations of LNAPL, dissolved phase exceedances of saturation limits (PHC), soil exceedances of HSLs (PHC and CHC), and soil vapour exceedances of HSLs (PHC and CHC).

Excavation at the FFTA is proposed to reduce the residual mass of PFAS in soils at the Site. The soil in this area has been characterised (WSP, 2025c), and the excavation extents will be guided by those findings. Whilst soil PFAS concentrations in this area only have limited exceedances of Site criteria (ecological indirect exposure), leaching from the soils has been identified as a source of PFAS in groundwater at the Site, whilst there is also a potential risk to offsite ecological receptors. Addressing these PFAS impacts in soil will reduce the mass PFAS leaching from the Site, which will in turn improve the groundwater condition and reduce risk to off-site ecological receptors.

6.3 Groundwater

Groundwater exceedances of HSLs (PHC and CHC) are presented in **Annexure A, Figure F4**, and introduced in **Table 8** of **Section 4.1**.

The groundwater conditions at the Site are expected to improve following soil / fill / LNAPL remediation on the basis of the following:

- Primary sources: With the removal of the OWS in Zone 2 and Zone 3, all potential primary sources related to the former refinery operations and the associated infrastructure within the Audit Boundary would be removed
- Secondary sources: residual LNAPL impacts would be addressed as part of the soil remediation works through excavation to the extent practicable. As part of these works, impacted water may accumulate in these excavations; this would be managed via pumping (sent to the Site's existing WWTP (Zone 1) for treatment, outlined in **Section 7.5.3.2**
- Secondary sources: residual PFAS impacts in soil would be addressed as part of the soil remediation works through source area excavation and offsite disposal, which will permanently reduce PFAS mass onsite and, over time, PFAS leaching and migration to groundwater
- Ongoing monitoring: Following soil remediation, groundwater monitoring would continue to confirm that the soil remediation works were effective in mitigating future impacts to groundwater. The soil remediation process itself will significantly improve groundwater conditions over the long term, assisted by natural attenuation (this process involves allowing naturally occurring micro-organisms in the ground to biodegrade hydrocarbon contamination). Any residual groundwater impacts requiring ongoing management would be addressed as part of an EMP.

While active groundwater remediation is currently taking place within Zone 1 (Jet Fuel Remediation and Northern Tank Farm AECs), active groundwater remediation is unlikely to be necessary within Zone 2 and 3 following source area excavation and OWS removal as historical primary sources associated with the refineries would have been removed. In the unlikely event that groundwater contamination presents a risk following completion of soil and LNAPL remediation, contingency measures as outlined in **Section 7.6** would apply and further remedial options, including but not limited to remedial capping works would be used to manage residual risks. For residual groundwater contamination that requires engineering controls and/or management (but not active remediation) this would be address as part of an EMP. If required, additional active remedial actions would be covered under a future development application and/or SSD modification.

6.4 Source areas to be remediated

The determination of the extent of soil and LNAPL remediation required is based on existing data summarised in **Table 20** below, with data locations presented spatially on **Annexure A, Figure F4**. The remedial extents are shown on **Annexure A, Figure F5**. As a conservative measure, all historical exceedances have been screened against the shallowest depth profile. This approach was taken to provide flexibility and a degree of conservatism for future remediation and development stages, as future land surface levels will not be known until the submission of the subsequent KEIP application.

Table 20 Summary of Source Areas requiring remediation

Source Area	Area / (depth)	Data	Action / Details	Proposed Treatment Method
Project Area				
OWS and FWS trenches and OSD excavation for RPIP	32,400 m^2 (1 to 4.5 m)	Refer to **Annexure A, Figure F2** for locations of infrastructure relocations and removal trenching in Zone 1, and areas of noted LNAPL presence / criteria exceedance (groundwater, soil vapour, and soil). **Exceedances of HSL D are present at seven locations within the northwest and northeast tank farm (WSP, 2024c, 2024f, 2025d, 2025i).**	These materials will be excavated during trenching for the removal and augmentation of services including modification of existing drainage channel at RPIP. Worst case assumption, the entire footprint of trenching assumed to be potentially impacted with asbestos and PHC. The depth listed is guided by proposed trenching works based on estimated depth of services.	Excavated soils will be tested and where required, soils will be biopiled. Soils will be either reused onsite where suitable or scheduled for offsite disposal.
Zone 1 (Outside of Audit Boundary)				
Former LPG Area	9,200 m^2 (up to 0.15 m)	**Soil** Asbestos has been detected in surface soils at concentrations that present as an operational safety risk if disturbed.	To address potential risk to current terminal workers, a surface scape of 150 mm of the asbestos impacted shallow soil is proposed, to remove the direct contact risk to operational Site users. It is noted that this area is within Zone 1, an area that will not be subject to the subsequent KEIP RAP and its associated capping works.	Scheduled for offsite disposal.
Zones 2				
SAE 1 (PHC) DU12: Former Central Process Units	4,000 m^2 (up to 3.0 m)	**Soil** DGA (WSP, 2018) found exceedances of HSL D of TRH F1 at 18 locations across DU12. These results are from 2018, and PHC has likely attenuated further since the primary sources were removed in 2016. **LNAPL** Not present, and saturation limits not exceeded (WSP, 2024c, 2024f, 2025d, 2025i).	Allowance for excavation to remove smear zone soils has been made. Pre-remediation assessment will be undertaken to confirm the 2018 results, and refine remedial requirements (data gaps discussed in **Section 6.5**).	Where possible, biopiled, and made suitable for onsite reuse, otherwise scheduled for offsite disposal.

Source Area	Area / (depth)	Data	Action / Details	Proposed Treatment Method
		Groundwater Exceedances of HSL D are present at two locations within DU12 (WSP, 2024c, 2024f, 2025d, 2025i). **Soil Vapour** Limited data is available. No HSL VI risk has been identified, though if more conservative HSLs are applied (0-1m depth) one exceedance is present. Additional investigation required to confirm requirement for remediation.		
SAE 2 (PHC) DU16: Former Eastern Tank Farm	10,050 m^2 (up to 4.9 m)	**Soil** Exceedances of TRH F1 for HSL D at eight locations. All exceedances found during depth profiling exercise, at depths between 4.5 and 9.0 mbgl, within the saturated zone (WSP, 2023b and 2023e). **LNAPL** Present in three locations, W14, W15, W16. Saturation limits exceeded at 12 locations (WSP, 2024c, 2024f, 2025d, 2025i). Average depth to water at these locations is 3.9 mbgl. **Groundwater** Exceedances of HSL D are present at 14 locations within DU16 (WSP, 2024c, 2024f, 2025d, 2025i).	Excavation to remove LNAPL and smear zone soils. Pre-remediation assessment would be undertaken to refine the volume and extent of excavation and confirm ground stability (**Section 6.5**).	Where possible, biopiled, and made suitable for onsite reuse, otherwise scheduled for offsite disposal.
SAE 3 (PHC and CHCs)	8,800 m^2 (up to 2.8 m)	**Soil** DSIs in the area have identified 17 exceedances of PHC for HSL D (WSP,	Excavation of soils from the footprints of the LNAPL / groundwater / CHC exceedances, targeting extents of highest concentration.	Where possible, biopiled, and made suitable for onsite reuse,

Source Area	Area / (depth)	Data	Action / Details	Proposed Treatment Method
DU10: Former Southern Process Unit		2018 and WSP, 2025f) at depths between 0.5 mbgl and 2.0 mbgl. No CHC's have been detected in soils. **LNAPL** LNAPL not present. Saturation limits exceeded at 4 locations (PU101, PU08, PU59, PU111)(WSP, 2024c, 2024f, 2025d, 2025i). Average depth to water at these locations is 1.8 mbgl. **Groundwater** An exceedance of HSL D is present at one location within DU10 (WSP, 2024c, 2024f, 2025d, 2025i). Exceedances of HH criteria for CHC are present in 10 locations (WSP, 2025f). **Soil Vapour** 14 exceedances of HH criteria for PHCs, five of which also exceed HH criteria for CHCs.	Pre-remediation assessment would be undertaken to refine the volume and extent of excavation.	otherwise scheduled for offsite disposal.
SAE 4 (CHC) DU11: Former Workshop	1,000 m^2 (up to 2.8 m)	**Soil** No exceedances of HH criteria detected for CHC in soil (WSP, 2025f) **Groundwater** Exceedances of HH criteria for CHC are present in 10 locations (WSP, 2025f). **Soil Vapour** Three exceedances of HH criteria for CHC area present within DU11, two of which are located within the footprint of the	Excavation of soils from the footprint of the former hydroblast bay, from sub-slab to smear zone. Pre-remediation assessment would be undertaken to refine the volume of excavation in order to address the vapour intrusion exceedances (**Section 6.5**).	Where possible, biopiled, and made suitable for onsite reuse, otherwise scheduled for offsite disposal.

Source Area	Area / (depth)	Data	Action / Details	Proposed Treatment Method
		hydroblast bay. The third location is located down hydraulic gradient from the hydroblast bay.		
SAE 5 (PFAS) DU14: FFTA	5,000 m^2 (up to 2 mbgl)	**Soil** PFAS is detected in 54 of 91 samples in the FFTA, in concentrations ranging from 0.02 mg/kg to 1.78 mg/kg (total PFAS). The PFAS CSM has identified the FFTA as a soil source of PFAS at the Site (WSP, 2025c). This includes eight exceedances of indirect ecological criteria (all land uses) in soil (WSP, 2025c) **Groundwater** PFAS in monitoring wells south of the FFTA exceed recreational criteria. Surface water monitoring of the adjacent Ampol owned wetland also exceed recreational criteria in the nearest monitoring location.	Excavation of soils from the FFTA footprint to reduce the Site's total PFAS mass in soils.	Scheduled for offsite disposal.
Zone 3				
SAE 6 (ACS) DU01: RPIP Mountain	32,500 m^2 (based on depth of root mass, estimated 1.0 mbgl)	**Soil** Asbestos contamination, both friable and non-friable, found throughout the area from surface through to the maximum depth of investigation (1.8 mbgl), with a larger cluster of asbestos contamination found in test pit samples between depths of 0.1 - 0.5 mbgl in the south east portion. (AECOM, 2023d).	Management of surface asbestos and asbestos impacted root zone, involving root zone removal, and surface treatment to address the asbestos contaminated fill within an uncontrolled vegetated setting. Refer to **Section 7.5.3.3.1** for further details.	Soil segregation with asbestos and organic matter scheduled for offsite disposal.

6.5 Data gaps to be addressed prior to remediation

This RAP has been prepared through review of historical information that has been deemed reliable and representative. This data is consolidated in **Table 8** of **Section 4.1**, which presents all recorded exceedances of site assessment criteria, and in **Table 20** in **Section 6.4** and the corresponding figure **Annex A Figure F4** which presents all exceedances which have been considered to require remedial excavation. The data is considered sufficient to develop this RAP. It is recognised that data gaps in knowledge do exist. These are presented in **Table 21** below. These data gaps would be addressed through additional investigations completed to inform the development of the RWP(s). These works would allow for the refinement of SAEs (i.e. soil extents and volumes) and excavation method / staging.

Table 21 Focus areas for additional assessment

#	Focus areas
1	**PHC data set:** Further data collection would support the refinement of identified areas of contamination, and address data gaps. Data includes soil, groundwater, or soil vapour. It is also recognised that structures occupy the central portion of Zone 2. As a result there are some limitations associated with characterisation of ground conditions beneath buildings.
2	**Other COPCs:** Further sampling for COPC that may have been used at the Site, such as specific process chemicals (such as MTBE, TEL, and MEK), and chemicals used in the operation of a refinery (such as chlorinated cleaning agents, and PFAS containing foams / concentrates). Where historical data for other COPC does not satisfy density requirements, a focus area for additional assessment would include the sampling for these specific chemicals within discrete historical source areas.
3	**Services removal and relocation condition:** As part of the MOD-7 works the removal and / or relocation of services such as the oil water sewer, firewater and electrical assets would be undertaken. The condition of materials and soils at these locations would be further investigated as historical targeted investigations are limited due to safety restrictions associated with sampling beneath live services. This is of particular importance for OWS, which may present a source for PHC contamination to surrounding materials in the event of a break in containment. The fill surrounding the OWS pipes has also not been fully characterised and a pre-demolition hazardous material survey is required for substations and any other structures.
4	**Validation of historical results:** Generally, the condition of soils across the Project Area have been investigated to varying extents. In areas, the condition of these soils have been subject to change since the completion of these investigations, either through ongoing site maintenance and continued use, or through distinct management activities such as; levelling, capping, and/or remediation, or through natural processes. The completed DGA for SAQP (AECOM, 2025e) considered the relevance and reliability of historic results against these local factors. Through this review, data was assessed and select data was determined to be representative and reliable, whilst some investigation results have been excluded from assessment. Additional assessments would support data gaps (spatial, temporal) which might have arisen from the outcomes of this review.

7.0 Remediation action plan

7.1 Introduction

Historically, Zones 2 and 3 supported fuel refinery (from 1956) and lubricants refinery (from 1963) operations, until their eventual closures (2010 and 2014 respectively) and decommissioning (with regrading of the former footprints completed in 2018). Ampol is proposing to remediate the soil and manage groundwater within the parts of the Project Area, to support the ongoing viable, safe, reliable, and sustainable use of the Kurnell Terminal. Ampol's overall objective is to make the Site suitable for future commercial/industrial land use.

In order to meet the remediation objectives outlined in **Section 1.2**, the following actions must be taken:

- Refine through additional investigation the volume and extent of soil impacts that require remediation
- Remediation of soil impact extents identified within the Audit Boundary and Project Area to a level that meets the relevant remedial objectives, organised as follow based on source type:
  - Volatile COPC: Reduce contamination such that vapour intrusion does not prevent the land being deemed suitable for use as per its approved zoning
  - Asbestos in soils: Remove targeted sources of asbestos impacted soil where presence might impact the ongoing viable, safe, reliable and sustainable use of the Kurnell Terminal
  - PFAS in soils: Reduce total contaminant mass at the Site and potential leaching to groundwater
- Removal of legacy OWS infrastructure within the Project Area.

7.2 Hierarchy of remedial options

In accordance with the ASC NEPM (2013), the preferred hierarchy of options for site remediation and management of soil contamination is:

1. Onsite remediation of soil contamination, so that the risk associated with the contaminant is reduced to an acceptable level.
2. Offsite remediation of excavated soil, so that the risk associated with the contaminant is reduced to an acceptable level, after which it is returned to the site.

If it is not possible for either of the above options to be implemented, then other options for consideration can include:

1. Containment of the contamination onsite either in-situ with appropriate controls that reduce the risk to an acceptable level, or in an appropriately designed and managed containment facility.
2. Removal of contaminated soil to an approved site or facility, and replacement with clean fill where necessary.
3. Adoption of a less sensitive land use or controls onsite activities that would reduce the need for remedial works.

As part of the identification and selection of remediation options, consideration has been given to the hierarchy above so that remedial options are selected that provide a permanent solution without the need for ongoing control, where feasible.

7.3 Remedial options assessment

Remedial measures can be used to effectively remove or mitigate exposure pathways to human health or the environment. For the Project Area, the application of a single remediation technique is not appropriate or able to be scaled accordingly based on the character and volume requiring treatment. Remediation of the Project Area is complex based on the CSM which consists of a number of COPCs and the potential for a range of concentrations and source media. Therefore, multiple remedial approaches are required to achieve the remediation objectives.

The soil remedial options assessment consisting of the remedial method, description, merits, and disadvantages of each soil remediation technology applicable for the Project Area were assessed as shown in **Annexure D**.

The shortlisted remediation options that were carried forward for this RAP include:

- No remediation and site management plan only
- Excavation and onsite treatment via passive or mechanical biopiling
- Onsite management of asbestos impacted materials (in accordance with the Site's OEMP and AMP as detailed in **Section 4.4.1**)
- Excavation and offsite disposal to licenced landfill
- Onsite containment by capping (not part of the proposed modification and subject to separate approval under KEIP).

Some remediation technologies were excluded at this stage as they were:

- Unlikely to achieve the objectives within an acceptable timescale (e.g., passive remediation methods unlikely to be effective at meeting remedial validation criteria)
- Impractical to implement such as in-situ remedial technologies that have less certainty based on the uniformity of soil treatment such as homogenising the media and directly amending biodegradation parameters and/or adsorption rates. Ex-situ treatment is preferred given the soils would be excavated and managed aboveground.
- High in cost without delivering corresponding benefits in implementability, operation, or effectiveness..

Preferred remediation approaches were selected based on the feasible remedial soil options identified (remedial option assessment included as **Annexure D**). Some components of the remediation have been deferred to a subsequent development application (i.e. capping) as future development works are likely to comprise civil earthmoving works which would take place in concert with the capping.

Groundwater impacts at the Site are centred around historical primary sources. Exceedances of relevant onsite human health criteria are limited and have been presented on **Annexure A Figure F4**, and in **Annexure C Table T03**. The exceedances are generally isolated to those areas already identified in soil and LNAPL source areas that are the subject of remedial excavation works. A groundwater remediation options assessment was not undertaken as this RAP contemplates the consequential improvement in groundwater conditions expected as a result of the planned soil remediation. Depending on the outcomes of the post soil remediation groundwater monitoring, the effectiveness of the remediation in achieving the stated groundwater remedial objectives would be assessed. Where required, further groundwater investigation including risk assessment and plume stability modelling would be conducted as part of the DGA. These works would further inform the need for direct remediation of groundwater.

7.4 Preferred remediation approach and rationale

A combination of remediation technologies for soils is preferred at the Project Area to achieve the remediation objectives. These are as follows:

- Primary source removal: removal of remaining OWS in Zone 2 and Zone 3, following which all potential primary sources related to former refinery operation and related infrastructure within the Audit Boundary will have been removed.
- Secondary source remediation: Excavation of impacted soils followed by either onsite treatment or offsite disposal to landfill which is consistent with the preferred soil remediation hierarchy:
    - Onsite treatment would comprise ex-situ bioremediation by mechanical biopiling (e.g. controlled aeration using extraction systems) for the reduction of PHC, CHC, and VOC constituents in soils. This is the preferred approach over alternatives like mechanical tilting of soils with an excavator, which would otherwise disturb the material and increase the potential for releasing residual asbestos fibres.
    - Offsite disposal would be considered where contaminated soils cannot be treated and reused or managed in situ. The untreated and tested contaminated soils would be disposed offsite to an appropriately licenced facility by licenced contractors.
    - As friable asbestos has been identified to be present within fill soils at the Site, biopiling would involve appropriate design features (e.g. vacuum-assisted negative pressure systems to manage airborne fibres) and be undertaken under appropriate occupational health and safety controls.

The soil remediation works within the Project Area would be complemented with management controls where comprehensive remediation is not deemed as practicable. Management measures can also be useful where clean-up to the extent practicable has been achieved (e.g., post LNAPL removal during remediation, restriction on groundwater abstraction whilst natural attenuation continues to reduce concentrations of dissolved phase hydrocarbons).

7.5 Remedial strategy and staging

To support the continued viable, safe, reliable, and sustainable operation of the Kurnell Terminal the remedial strategy will be delivered in the following stages:

- **Stage 1 – Preparation works**: Preparing the Project Area for proposed modification works.
- **Stage 2 – Removal, relocation and/or augmentation of infrastructure**, including:
    - Relocation and/ or augmentation of FWS and OWS systems and construction of new operational facilities, including replacement warehouses
    - Decommissioning and removal of non-operational assets, redundant structures and electrical assets
- **Stage 3 – Remediation**: Addressing legacy ground contamination in specific locations across the Site
- **Stage 4 – Demobilisation**: Demobilisation of construction and remediation equipment.

The works completed under this RAP will be complemented by the future KEIP RAP, and together the two documents will facilitate works to make the site suitable for commercial / industrial use. The division of these approvals is shown in **Figure** 2 below.

It is noted that remediation is likely to progress by areas, either by DUs based on given sources, or based on areas that reflect future development footprints (yet to be defined). Depending on where different works are required across the Site these stages may be completed sequentially or concurrently. The remedial works would be undertaken guided by the implementation of the RAPs, RWPs, and the CEMP, in order to achieve commercial / industrial end point.

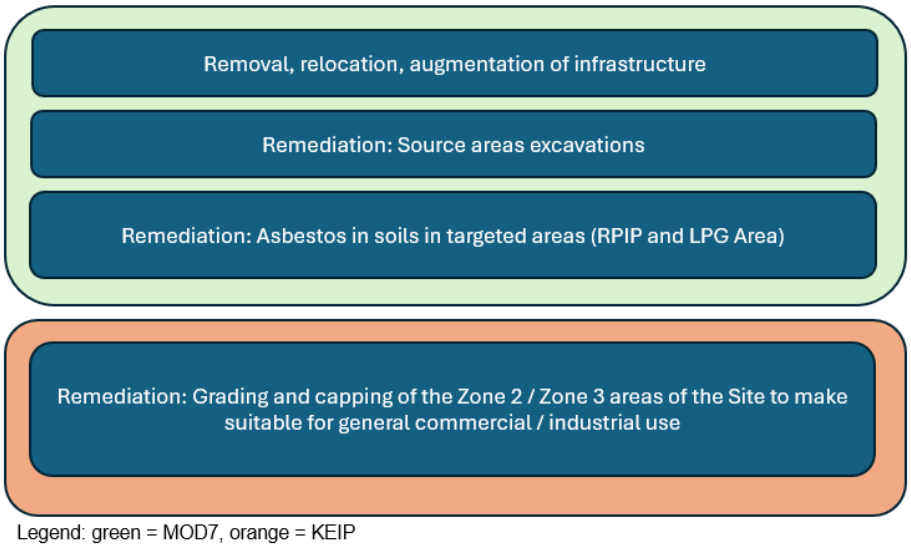

Figure 2 Remedial approvals strategy

7.5.1 Stage 1 – Preparation works

In order to prepare the relevant parts of the Site for the proposed modification and associated remedial works, the following activities would be completed:

- Installation of fencing and signage to separate terminal activities and parts of the Site outside the Project Area from where the proposed modification works would occur
- Establishment of temporary facilities (e.g. site offices) and parking for construction workers within the Site
- Removal of vegetation, where permitted and required
- Installation of temporary erosion and sediment controls for the proposed modification works
- Establishment of access to services/ utilities
- Service locating would be undertaken across the Project Area to confirm the location and type of active services.

These activities are discussed in the Modification Report.

7.5.2 Stage 2 – Removal and/or relocation of infrastructure

Following preparation works, certain structures and infrastructure would either be permanently demolished and removed or reconstructed in Zones 1 and 1A, or augmented. The proposed infrastructure removal, relocation, and/or augmentation works are described in the sections below. Further details of these activities are discussed in the updated description of the proposed modification (Appendix B of the Submissions Report).

7.5.2.1 Oily water sewer

The proposed modification works include the removal of the OWS (including all pits and pipework) from Zones 2 and 3, except for a connection to the ACS Containment Cell wastewater sump and a proposed OWS diversion line from west of the ACS Containment Cell toward Zone 1 (presented on **Annexure A, Figure F2**).

The works to remove the redundant sections of the OWS in Zones 2 and 3 would be undertaken progressively so that the OWS can help support the remediation activities described in in **Section 7.5.3** (Stage 3 – Remediation). During remediation activities, surface water could potentially enter excavations where remediation activities are occurring and become contaminated. Potentially contaminated water from surface water flows or excavations, would be sent to the OWS and on to the WWTP for treatment. Potentially contaminated surface water flows would be captured by the existing OWS until a time that contamination sources are removed and soil remediation and treatment is undertaken in each area. As such, some sections of the OWS in Zones 2 and 3 may only be removed following certain remediation activities (Stage 3).

Prior to the removal of the relevant sections of the OWS from Zones 2 and 3, the surface water flows from areas serviced by the OWS would be either:

- Intercepted or diverted to the remaining sections of OWS via modifying interception infrastructure (such as existing pits, manholes, storages) or the installation of temporary pipes, pits, and pump stations; or
- Captured/ contained and transported directly to the WWTP.

Where the relevant area is unlikely to result in contaminated surface water (e.g. due to remediation activities being complete), these surface water flows would continue to be directed to the Site's existing SWS.

To assist with the transition of parts of the Site from the OWS to the SWS and to help ensure that the OWS can support remediation activities, the OWS would be augmented in the south eastern part of Zone 2. A new permanent pump station would be installed to support the upgraded OWS in capturing flows and directing them towards the WWTP. The new pump station would operate intermittently, following periods of heavy rainfall. In addition, an emergency storage tank would be installed adjacent to the pump station to provide additional storage in case of pump failures or a loss of power. The pump would have a well of 20 kilolitres (kL) in capacity, whilst the emergency storage tank would have a volume of 130 kL.

The pumps at the pump station would be installed in a sealed chamber below the existing ground level, at a minimum water level and therefore permanently submerged. The emergency storage tank would be installed next to the pumps below ground. A benched pit[7] of around 12 m by 31 m would be required. Excavations of approximately 4.5 mbgl would be required, based on a 4 m deep pit, and an additional 0.5 m concrete slab, which would be installed at the base of the pit. Two options for the location of the new pump station and emergency storage tank are being considered. Only one option would be constructed, which would be confirmed during detailed design.

The selected option would be connected to the existing OWS in Zone 1, to the north west of the ACS Containment Cell. The pipeline would function via gravity; as such, it would lie above and belowground, depending on the topography of the land. For belowground sections, excavations of up to 3.5 mbgl would be required. For aboveground sections, 0.5 m deep footings would be required every 4 m.

The OWS that services the ACS Containment Cell would not be removed. Leachate would continue to be collected by the existing sumps and directed to the OWS in Zone 1 via the retained OWS.

The removal of OWS infrastructure may require excavation work of up to 3 mbgl for removal of below ground pipework and pits. Where complete removal is not feasible due to proximity to existing infrastructure or other considerations (e.g. geotechnical), existing pipes and/or pits would be cleaned, infilled with stabilised sand, cement slurry, or equivalent, and left in-situ. Underground infrastructure left in place would be documented in an EMP(s), which would fall under the Site's existing OEMP.

[7] The pit itself would be 5 m by 25 m. Benches of about 3 m either side of the pit have been assumed.

Excavated soil from below ground sections of OWS services and footings would be stockpiled based on visual and olfactory evidence, field screening, and laboratory data. Contaminated soils would be stockpiled separately depending on the type and concentrations of contamination present and the remediation technology required. Soils would be temporarily stockpiled in vicinity of the work zone whilst being characterised and either transferred to the waste management area for remediation, if required, or if suitable, reinstated within the Project Area. Once removed, redundant pipes and materials from the OWS would be sent offsite for recycling or disposal based on material type and waste classification. If present, any seepage water accumulating into the excavations would require characterisation and where required, its suitability assessed for disposal to the WWTP (or alternative treatment/disposal method).

7.5.2.2 Firewater systems

In order to align the FWS with the current terminal footprint, the FWS infrastructure in Zones 2 and 3 would be augmented or removed and, where necessary, replaced or augmented in Zone 1. These works would include:

- Installation of new firewater pipelines, relocated pumps, and the construction of a new three megalitre (ML) firewater tank in the FWS Relocation Area in Zone 1
- Augmentation of FWS infrastructure within Zone 1 and the south of Zone 2
- Commissioning of the upgraded FWS to confirm it meets operational requirements
- Isolation, disconnection, and removal of redundant FWS infrastructure in Zones 2 and 3.

The fill surrounding the firewater pipes has not been tested (as this infrastructure is still currently in use and providing a critical safety control for the Site); however, given the location and history of the Site, it is possible that the fill material may contain asbestos, as well as PHC impacts, and/or other COPCs where the service transects source areas.

Excavated soil from belowground sections of FWS pipes and footings would be managed in the same manner as described above in **Section 7.5.2.1** for the OWS works.

Once removed, redundant pipes and materials from the FWS would be sent offsite for recycling or disposal based on material type and waste classification, where appropriate.

7.5.2.3 Electrical assets

During the closure of the Kurnell Refinery, high voltage electrical substations, power distribution rooms, and electrical infrastructure (such as buried cables) were redesigned to meet the requirements of the terminal. Following an electrical audit, existing substations / switchboard rooms in Zones 2 and 3 have been deemed to be no longer required and are therefore proposed for demolition.

All above-ground redundant electrical assets in Zones 2 and 3 would be decommissioned and removed. Below ground cables would be de-energized and either retained for potential future use or removed in accordance with AS/NZS 3000:2018 *Electrical installations*.

The fill beneath the electrical substations and surrounding cables has not been tested (as this infrastructure is still currently in use), however given the location and history of the Site, it is likely that the fill material may contain asbestos, PHC impacts and /or other COPCs.

Excavated soil from cable trenches and substation footings would be managed in the same manner as described above for the OWS works.

Prior to demolition a hazardous material survey would be completed for substations and any identified hazardous substances (such as asbestos, PCBs, lead paint) would be removed by a licenced contractor. Once removed, redundant electrical cables and materials from the electrical assets would be sent offsite for recycling or disposal based on material type and waste classification.

7.5.2.4 Structures

A number of buildings and other structures are located within Zones 2 and 3. These include small storage structures and larger buildings such as the storehouse, main warehouse, central control building, and the Oil Spill Room. Many of these buildings are no longer fit for purpose for the terminal and are relatively isolated from the terminal footprint. On this basis, and to facilitate the future use of Zones 2 and 3, Ampol are proposing to remove these structures as part of the proposed modification works. These structures are shown in **Annexure A, Figure F2**.

Prior to demolition a hazardous material survey would be completed for relevant structures and identified hazardous substances (such as asbestos, PCBs, lead paint) would be removed by a licenced contractor. Each structure proposed for demolition would be demolished to ground level and, where possible, their slab, foundations, and footings removed. The foundations of buildings and structures previously demolished as part of the approved project within Zones 2 and 3 would be also excavated and removed, where they have not already been removed and where practicable. These activities would require excavation works up to 2 mbgl, depending on depth of footings (generally focused within 1 mbgl).

Once removed, building waste materials from the demolition would be sent offsite for recycling or disposal based on material type and waste classification. Concrete would be crushed within the Waste Management Area and where appropriate, used as backfill during Stages 3 and 4 to reduce the soil deficit and to improve the geotechnical stability of the land. Concrete waste that cannot be used would be taken offsite for sale, recycling or disposal.

Once removed, solid waste materials from the demolition would be either processed for onsite reuse as fill material (dependent on geotechnical properties) or sent offsite for recycling or disposal based on material type and waste classification, where appropriate.

7.5.3 Stage 3 – Remediation

7.5.3.1 Overview

Remediation and/ or management of ground contamination would be required across Zones 2 and 3, and parts of Zone 1, where LNAPL is present and/or where soil and groundwater (expressed via soil vapour) quality does not currently meet the human health based commercial/ industrial land use standard, as defined by ASC NEPC (NEPC 2013).

As part of the proposed modification, where ground disturbance is proposed within Zone 1, contaminated material would be managed in accordance with the terminal's existing OEMP. Excess soil or fill material generated during these works would be categorised and either disposed offsite to landfill (consistent with the OEMP) or potentially incorporated into Zone 2 and 3 remediation activities.

As discussed in **Section 7.3**, to remediate identified areas of impacts within the Project Area, contaminated soils would either be:

- Excavated and treated onsite for reuse
- Excavated and disposed of offsite
- Managed in situ and capped (not part of the proposed modification and subject to separate approval).

Table 23 lists the relevant COPCs that would be remediated using the remediation approach outlined above.

7.5.3.2 Approvals

The *Protection of the Environment Operations Act 1997* (POEO Act) defines Contaminated Soil Treatment (incineration or storage of contaminated soil but excluding excavation for treatment at another site) as a Scheduled Activity (requiring an EPL) if more than 30,000 m^3 or 3 ha of soil onsite would be treated (otherwise than by incineration) and stored onsite. Remediation via biopiling and/or stabilisation is anticipated to exceed this volume, and as such a licence variation to the Site's current EPL is expected to be required. This, along with any requirements to comply with future iChEMS regulations would be managed with Ampol post-approval.

7.5.3.3 Excavation

Excavation volumes have been derived based the areas and depths presented in Section **6.4**. The rationale for the development of the excavation extents for SAE 1 to SAE 4 (PHC and CHC excavations) is based around the spatial extents of available considered historical analytical data and exceedances. For these PHC and CHC excavations, depth of excavation has been determined through review of the depth of the local groundwater table. As the smear zone is being targeted, an excavation depth of 1 m below the expected depth to water has been selected for each excavation area. These SAE depths are expected to range between 2.8 mbgl and 4.9 mbgl.

For the asbestos excavations, these works are guided by the identified extents of the contaminated material unit. For RPIP mountain SAE 6 is targeting areas of known asbestos contamination that have the potential to be disturbed by uncontrolled vegetation growth and potential erosion via surface water flows. For the LPG area, this is guided by the footprint of the identified impacted surface soils, with the excavation depth allowing for the installation of suitable surface covering should validation not be achieved.

For the PFAS excavation SAE 5, the extent of excavation is based on the lateral footprint of the FFTA and the expected depth of fill and natural soils above bedrock in the area.

The approximate area and volume for each of all excavation areas are presented in **Table 22** and shown spatially on **Annexure A, Figure F5**. The asset removal and relocation and excavation areas and volumes are based on the length of the respective services (FWS and OWS). SAE areas are based on available soil, LNAPL, groundwater, and soil vapour data, as discussed in **Section 6.4**.

Additional investigations will inform the volume and extent of excavations in identified SAEs. These data gap works would be accounted for in the RWP(s), prior to commencement of remediation. Additionally, during excavation, ground contamination may vary slightly from plan. An allowance for contingency excavation volume has been included. Depending on the extent of data available, this has been based on nearby contamination results, or a percentage allowance based on the base excavation volume.

Table 22 Excavation Volume and Contingency Estimates

Excavation Area	Base Estimate Volumes[1]	Contingency Volumes[2]	Source
Project Area			
Zone 1 (Infrastructure construction works) Zone 2 and 3 (OWS removal and augmentation) Zone 3 (RPIP OSD)	53,700 m^3	5,370 m^3	FWS and OWS services RPIP drainage channel
Zone 1			
LPG Area (Asbestos)	1,380 m^3	690 m^3	LGP Area fill soils
Zone 2			
SAE 1 (PHC)	-	18,000 m^3	Former Central Process Unit Area.
SAE 2 (PHC)	49,250 m^3	39,550 m^3	Eastern Tank Farm and bulk fuel storage
SAE 3 (PHC + CHC)	24,640 m^3	19,180 m^3	Former Southern Process Unit Area
SAE 4 (CHC)	2,800 m^3	3,360 m^3	Hydro-blast (assumed source)
SAE 5 (PFAS)	10,000 m^3	5,000 m^3	FFTA

Excavation Area	Base Estimate Volumes[1]	Contingency Volumes[2]	Source
Zone 3			
SAE 6 (ACS)	32,500 m^3	16,250 m^3	RPIP Mountain fill soils
Total	**186,270 m^3**	**94,650 m^3**	NA

It may not always be practicable to remediate all localised target impacts (including LNAPL), due to either aboveground obstructions (i.e. the presence of large structures), or limited accessibility presented by factors such as ground stability, or depth to contaminant. Where these conditions be present, they may require revision to the remedial approach. Revision of remedial approach and extent, where minor in nature, would be detailed in the RWP(s).

Excess soil excavated during infrastructure relocation works in Zone 1 requiring remediation would be remediated in line with the approach for contaminated soils in Zones 2 and 3, however, the location of the soil treatment and other remediation works would likely occur within Zones 2 or 3 for efficiency purposes and to minimise potential impacts on nearby environmental and community values. Once remediated, material deemed suitable for reuse (meeting soil validation criteria for all COPCs and reuse guidelines presented in the NEMP 3.0 (HEPA, 2025) for PFAS) would be reused in Zone 2 or Zone 3 where practicable.

Where soil in the Project Area has been assessed as not requiring remediation, this is because the soil and groundwater quality either:

- Already meets the human health based commercial/ industrial standard (refer to **Section 5.0**); or
- The conditions either do not pose a risk to human health or the environment or can be managed and mitigated by implementation of existing environmental management procedures for the Site.

Based on existing investigations, groundwater impacts are unlikely to pose an unacceptable risk to human health or ecological receptors if soil impacts in identified source areas are remediated. Targeted onsite boundary investigations are routinely undertaken at the Site, and would continue to be undertaken before, during and following remediation to assess boundary conditions and potential offsite risks. Should residual contamination present a risk following completion of soil and LNAPL remediation, further remedial options, including but not limited to remedial capping works would be implemented. Additional remedial actions such as these would be covered under a future development application and/or SSD modification.

The preferred soil remediation technologies that are to be utilised under the proposed modification for identified contamination at the Project Area are described in **Section 7.3** and summarised in **Table 23** below.

Table 23 Remedial technology and contaminants matrix

Contaminant	Excavation, onsite biopiling, and onsite reuse	Offsite disposal
Asbestos[8]	N/A	Yes
CHC	Yes	Yes
Hydrocarbons	Yes	Yes
PFAS	N/A	Yes

[8] Where asbestos in soils is the contamination source being addressed (RPIP and LPG area).

Once contaminated soils are excavated, soil sampling and analytical testing would occur within the excavations to validate the remaining soil against a pre-determined validation criteria and in accordance with the specific Validation SAQP (**Section 8.0**).

Impacted soils to be treated ex-situ would be excavated, segregated, and stockpiled based on visual and olfactory evidence, field screening, and laboratory data. Contaminated soils would be stockpiled separately depending on the type and concentrations of contamination present and the remediation technology required within the waste management area. Therefore, soil treatment volumes may be significantly less than the base excavation volumes estimated in above.

Where soils are disposed offsite untreated, this would occur in accordance with the Waste Classification Guidelines (NSW EPA, 2014) to an appropriately licensed facility.

7.5.3.3.1 RPIP remediation

The RPIP Mountain area is located within the southeastern portion of Zone 3, covering an approximate area of 32,000 m^2. Historical disturbance, including extensive storage and filling of soil materials, has occurred across this area and as such, the area is undulating and elevated by several metres above surrounding ground surface levels. Previous assessments have identified asbestos as the primary contaminant of concern within the fill material with zones of subsurface asbestos contamination, both friable and non-friable, located along the northern perimeter, central area and south-eastern corner of the area at up to 2 mbgl and at varying elevations. Screening level exceedances were also noted for heavy metals, in particular lead, apparently most prevalent in the northern portion at varying depths and elevations.

Current management practices are in place to manage exposure and migration risks to Site occupants and the environment. Removal of low and regenerating condition native vegetation is required to ensure that potential migration of surface asbestos through dusts and sediments does not occur in the future (i.e., disturbance via vegetation growth and/or fauna). The proposed remediation would provide a long term reliable solution to the asbestos contamination in this area.

For large trees established within the area, the root system would also require removal to make the area geotechnically suitable and reduce future subsidence. It is assumed that approximately the top 1.0 m (of organic root material likely contaminated with asbestos) would require removal and management. Following excavation of the root zone, and up to 1 m of entrained soils (disposed of offsite as special waste – asbestos), the surface of the area can be managed through the application of a surface treatment (spray grass, gravel) to mitigate the potential for surface asbestos migration. Maintenance of the surface treatment would be managed through the Site's AMP.

7.5.3.4 Biopiling

Following testing, soils requiring remediation due to PHC or CHC impacts, but not impacted to an extent that would make biopiling impractical due to gross contamination would be remediated by biopiling, to the extent practicable with adherence to asbestos management requirements (**Section 7.5.3.7**). The threshold for biopiling practicality will be assessed on a case by case basis within the RWPs, allowing for refinement during treatment to optimise the volume of soil to be treated while considering project timelines and other drivers (e.g. sustainability, cost etc).

Grossly impacted soils may pose practicability constraints associated with the time required to meet remedial objectives. Under normal conditions, naturally occurring bacteria in the ground slowly degrade hydrocarbon contamination to compounds that do not pose a risk to human health or the environment. Biopiling promotes and facilitates this natural process (through the addition of nutrients etc.) expediting the remediation process. Based on ground investigations, it is assessed that biopiling would be suitable for the remediation of soils from SAE 1 to SAE 4.

Biopiles would be established within areas shown on **Annexure A, Figure F5**. There are four areas identified, detailed as follows:

- Zone 2 former flare geobag area
- Zone 2 former land farm
- Zone 2 workshop area (identified as the MOD7 waste management area)
- Zone 3 waste management slab.

Three of these areas have historically been utilised for waste management at the Site. As such they are connected to the Site's OWS, and have electricity connections. The workshop area also has connection to these services. Three of these areas have concrete slabs (Zone 2 former flare geobag area, Zone 2 workshop area, and Zone 3 waste management slab). The Zone 3 former land farm does not have a slab present. In this area, prior to setting out the biopiling areas, this area would be prepared with a base clay or high-density polyethylene (HDPE) liner. A compacted sand base would be established over the liner to enable adequate air exchange into the biopile.

When biopiling, nutrients or other soil amendments would be added and placed in the biopile area. The biopiles would be covered with an impermeable material to reduce stormwater ingress and dust creation. Measures to minimise the creation of dust and odour emissions during the construction of the biopiles would include:

- Covering surfaces
- Minimising exposed area
- Wetting down exposed soils
- Treatment of extracted vapours (with respect to both PHCs and asbestos in air)
- Dust monitoring or observations.

The biopile would be maintained under negative pressure with blowers to mitigate fugitive gas emissions to the atmosphere. Off-gas from the process would be passed through a HEPA filter to prevent liberation of asbestos fibres followed by two granulated activated carbon filters to remove volatile hydrocarbons. The first unit provides primary VOC adsorption, and the second acts as a polishing filter to ensure remaining vapours are released. Regular air monitoring of the air emissions would confirm when exchange of air filters is required. Moisture, temperature, nutrients, oxygen, and pH would be monitored regularly and controlled to enhance biodegradation.

The addition of nutrients/ amendments, compost, microbes, and moisture (as appropriate) to the biopile and the movement of air with a blower through the material would stimulate aerobic microbial activity within the soils and promote the biodegradation of hydrocarbons.

The biopiling base would be graded towards a collection point. Leachate from the biopiles would be sent to the WWTP (via the OWS system) for treatment prior to being discharged in line with the EPL 837.

Regular testing of the soil in the biopiles would occur to confirm when the soil has been remediated to an industrial/commercial standard for human health receptors in accordance with the remediation screening criteria outlined in **Section 5.0** and the ASC NEPM (NEPC, 2013). Following remediation of soil to this standard, the biopiles would be deconstructed and the soil would be reused onsite as backfill.

Biopiling would follow the guidelines set out in *NSW EPA's Best Practice Note: Landfarming (2014)*.

Following the completion of soil treatment, if there are residual concentrations of target contaminants remaining at levels above the remediation criteria in soils, that may pose unacceptable risk to future human health receptors, the soils would be assessed for offsite disposal. Soils that do not meet remedial criteria might still be suitable for onsite reuse, provided appropriate additional remedial actions can be undertaken that would address the residual risks. These actions might require a future development consent to be implemented.

7.5.3.5 Offsite disposal (untreated soils)

Where contaminated soils or sludges cannot be treated and reused or managed in situ, they would be captured and/or contained onsite before being disposed offsite to an appropriately licenced facility by licenced contractors. Approximately 51,635 m^3 of contaminated soil or fill (in-situ volume) material and a contingency allowance of 48,775 m^3 (excavated from source areas as set out in **Table 20** and **Table 22)** would require offsite disposal (total of up to 100,410 m^3). This material (soil or sludge) may be treated or untreated prior to offsite disposal. These volumes are set out in **Table 24**.

Table 24 Offsite soil disposal volumes

Source	Expected volume	Contingency volume	Rationale
Infrastructure construction / removal / augmentation works (OWS, FWS, RPIP OSD	5,370 m^3	5,370 m^3	Based on assumption that 10% of excavated soils cannot be treated to meet site validation criteria. Contingency allowance for an additional 10%.
LPG Area	1,380 m^3	690 m^3	Offsite disposal proposed as remedial approach.
SAE 1 – Former CPU	400 m^3	3,600 m^3	Based on an assumption that 10% of saturated zone soils (0.1 m) cannot be treated to meet site validation criteria, with a contingency that all saturated zone soils (1.0 m) cannot be treated to meet site validation criteria.
SAE 2 – Former ETF	1,005 m^3	9,045 m^3	
SAE 3 – Former SPU	880 m^3	7,920 m^3	
SAE 4 – Former Workshop	100 m^3	900 m^3	
SAE 5 – FFTA	10,000 m^3	5,000 m^3	Offsite disposal proposed as remedial approach.
SAE 6 – RPIP mountain	32,500 m^3	16,250 m^3	Offsite disposal proposed as remedial approach.
Total	**51,635 m^3**	**48,775 m^3**	**Combined volume 100,410 m^3**

Note: in-situ volumes presented

Soils to be disposed offsite would be excavated and either directly transported offsite or transported to a dedicated section of the waste management area for temporary storage or containment (depending on their characteristics) pending further testing for waste classification. Further testing and waste classification in accordance with the Waste Classification Guidelines (NSW EPA, 2014) would be undertaken prior to disposing of stockpiled materials offsite.

Where materials soils being disposed offsite are classified as special waste – asbestos, or hazardous waste, these must be tracked via the NSW EPA's Integrated Waste Tracking Solution (IWTS). Tracking of transport and disposal of high-risk or hazardous waste minimises potential harm to the environment and human health.

7.5.3.6 Acid Sulphate Soils management

An important part of ASS management is to correctly identify the ASS materials and accurately quantify the hazards these materials may pose if disturbed.

Given the LEP ASS Risk Map assessment for the Project Area, and historical observations for ASS at the Site (discussed in **Section 2.6**), a draft framework for an ASS management plan has been developed and included as Appendix E2 of the Submissions Report. It provides details on field identifiers, sampling and analysis guidance, treatment options and methodologies, and management controls for ASS.

Further investigation to assess for ASS within the proposed excavation extents would be completed, as part of the development of the RWP(s), and if/where ASS is identified, ASSMP(s) would be developed accordingly.

7.5.3.7 Asbestos Management

The completion of the proposed modification will involve the handling, excavation and movement of asbestos contaminated fill materials. The completion of these works will be based on the requirements provided in Work Health and Safety Act 2011 and the NSW Work Health and Safety Regulation 2025.

This would include preparation and update of the Site's existing asbestos register and associated asbestos removal control / management plan as outlined in NSW Work Health and Safety Regulation 2020.

Excavation and movement (including construction/ dismantling of static biopiles) of asbestos contaminated fill materials would be carried out in adherence to *NSW's Guidance on Managing Asbestos in or on Soil (SafeWork NSW, 2014)* and the *Guidelines for the Assessment, Remediation and Management of Asbestos Contaminated Sites in WA* (WA DoH, 2021). Appropriate management controls would also be applied during operation of the biopiles (i.e. capture and filtering of extracted vapours and dusts) to prevent liberation of VOC and asbestos fibres into the atmosphere.

7.5.3.8 Groundwater management

As excavation of source areas would target smear zone soils within 1 m of the of the groundwater table, dewatering of groundwater may be required to facilitate excavation. Dewatering is currently managed onsite as wastewater in accordance with SSD-5544 and EPL-837. The Site's OWS is a continuous operation system designed to direct waste water to the onsite WWTP for treatment. Groundwater that that cannot be treated at the WWTP would either be pre-treated by another method or disposed to an appropriately licenced liquid waste facility. Once wastewaters are treated, this wastewater is discharged under EPL-837 via the Yena Gap pipeline to an ocean outfall in the Tasman Sea. A project specific Groundwater Management Plan would be developed as part of the CEMP for MOD-7. This plan would outline the specific dewatering requirements for the proposed modification, given the proposed maximum excavation extents.

7.5.3.9 Surface water management

Surface water flows and stormwater would be managed by segregating clean water from impacted water and preventing the inflow of surface water to excavation areas using surface bunds, silt fences and drainage diversions. The preferred hierarchy for management of water onsite is as follows:

- **Minimise:** minimise volume of surface water that is contaminated during the works wherever possible by directing surface water away from excavations, depressions, pits and stockpiles by the construction of drainage systems such as bunds and diversion drains. These measures would minimise the flow of clean surface water into areas of the Project Area that contain contaminated materials.
- **Recycle:** recycling surface water where possible by using it onsite as dust suppression for other operations on the Project Area including wheel washing and truck washing.
- **Dispose:** discharge of surface water to the onsite WWTP, with or without treatment, as per regulatory guidelines.

Two primary sources of surface water contamination during the remedial works come from the exposed impacted soils, which are present within the excavations and within the biopiles. Reduction in the amount of impacted water requiring treatment would be achieved by:

- covering the biopiles and unremediated stockpiles to limit the interaction between surface waters and these soils during the works
- completing the remediation in a staged manner to minimise the extent of open excavations at any one time, reducing area that surface water could flow into, which would subsequently require dewatering.

Testing for relevant COPCs would be undertaken to confirm that this water can be appropriately treated in the WWTP. It is anticipated that the system, including the WWTP, would have sufficient capacity during remediation activities as the WWTP was originally designed to service the refinery which is no longer in operation. It is understood that on a flow and contaminant concentration basis the current loading is well below the WWTP design capacity. Groundwater that that cannot be treated at the WWTP would either be pre-or post-treated by another method or disposed to an appropriately licenced liquid waste facility.

7.5.3.10 Oily water management

The existing oily water management system would continue to operate during the early stages of the proposed remediation. However, as the modification works progress, the OWS system would be progressively isolated. As discussed above in **Section 7.5.3.9**, excavated areas would be bunded and diversions put in place (e.g. temporary drainage channels) to minimise the volume of surface water that comes into contact with the excavation..

Further, during the removal of OWS services, extents of the fill material surrounding the OWS itself may be contaminated and may require excavation. If required, during excavation, these excavations would be isolated from the wider OWS system. These excavations would be treated as SAE, and stormwater and surface water would be diverted away in a similar manner. The channels would be filled with imported fill or remediated soils suitable for re-use after excavation of contaminated materials and validation.

In some areas, the existing Zone 2 and Zone 3 OWS infrastructure is required to support the proposed modification (e.g. the designated biopiling areas in each zone). The remediation and OWS removal works would be carefully planned and staged such that OWS infrastructure is only removed once dependant activities (e.g. remediation activities) have been completed, or until a modified system is established for the diversion of these flows.

In lieu of oily water drainage (where its removal is required due to contamination), the remediation areas including for biopiling would be bunded to contain incidental rainfall, with drainage directed to a sump which would allow for water removal as necessary. The collected runoff would be transferred either directly to the WWTP or transferred to the residual OWS by temporary pipeline. In either case the oily water would be treated in the existing WWTP and discharged in line with the Site's EPL. The preferred system would be selected taking into account site specific characteristics, e.g. location, proximity to residual OWS, duration of works etc.

Leachate is likely to be generated during biopiling. As the treatment areas are proposed to be covered, and the soils being treated will be excavated from within a dewatered area, the leachate quantities estimated to be small. Leachate would also be captured by the drainage system, and sent to the WWTP, following the management practices described in **Section 7.5.3.9**. This management approach is consistent with historic waste management at the Site.

7.5.3.11 Soil Reuse, import fill, and excavation backfill

Remediated soils and crushed clean concrete slabs from the works described above would be used as backfill where practicable. Crushed concrete would be validated prior to reuse. Given that some of the below ground infrastructure/drainage infrastructure would be removed and that potentially some soils would be disposed offsite, additional fill may be required to maintain current levels. The ground level of the Project Area is not proposed to change as part of the proposed remediation under MOD-7. Minor amendments (such as powdered or granulated activated carbon) may be blended with backfill materials as a polishing technique, where appropriate to support the Site's remedial objectives. Such amendments are considered ancillary measures only and would not be relied upon to provide contaminant mass reduction or risk mitigation.

When required, additional fill would be brought to the Site from offsite sources for use in the Project Area. Soils from offsite sources brought onto the Site will be limited to the following:

- virgin excavated natural material (VENM),
- excavated natural material (ENM) as defined by the ENM Order, 2014,
- or material covered under an NSW EPA specific Resource Recovery Order (RRO).

The soils would be managed in line with this order as well as a specific Validation Plan (outlined in **Section 8.0**), which would outline acceptance criteria, and sampling and analytical requirements. For materials subject to a RRO, once material is validated (using the criteria outlined in the Validation Plan), the soil would be reused onsite under an NSW EPA approved Resource Recovery Exemption.

The imported fill would be stockpiled and tracked separately to the onsite materials that have been tested/validated to confirm they have been remediated for reuse on the Project Area. There is a risk that asbestos may be present in imported recycled fill materials. Imported materials will be inspected and tested accordingly. This will be set out in the Materials Tracking Plan (MTP) (see **Section 9.3**).

7.5.4 Stage 4 – Demobilisation

Demobilisation from the Project Area would include:

- Offsite disposal of soils not being reused
- Validation of working surfaces where relevant (unsealed stockpile and biopiling footprints)

- Removal of plant and equipment
- Ensuring Zones 2 and 3 are secured
- Removal of temporary environmental controls and waste management areas
- Removal of offices, temporary structures etc. installed within the Project Area as part of Stage 1.

7.6 Contingency plan

7.6.1 Approach

The following unexpected events have been identified as having the potential to occur during the remediation works described in **Section 7.5.3**:

- Identification of greater amounts of source material than presently anticipated
- Identification of unexpected impacts from unidentified secondary COPCs
- Identification of contaminated groundwater or saturated conditions at depths less than anticipated
- Drums or underground storage tanks with unknown contents (i.e. either contained or potentially leaked into the surrounding soils)
- Flooding of the Site
- Generation of unacceptable dust during excavation and reinstatement works
- Release of unacceptable fugitive emissions during the excavation works
- Generation of excessive and unexpected odours from the excavation works
- Spills and leaks of hazardous materials.
- Change in design levels which may affect the contamination risk profile

Contingency mitigation measures for these items are described in the following sections.

7.6.2 Management of unexpected conditions

7.6.2.1 Actions required

Table 25 below details the actions that would be followed in response to unexpected events. Contingency measures which may then be implemented are detailed in the section below and trigger thresholds will be defined in the RWP(s). **Table 25** focuses on contaminant related changing conditions, other change variables (e.g., relating to health and safety, heritage, local stakeholders, etc.) would be considered under the relevant impact assessment in the Modification Report. The management of these issues would be detailed within a series of management plans that would be developed along with the RWP(s).

Table 25 Actions required for managing unexpected conditions

Scenario	Actions required
Impacted soils beyond the anticipated characterisation (concentrations, extent or volumes) are encountered.	Work in the vicinity of the soils would be suspended until the environmental consultant can further assess the impacted soils/ materials. Once assessment is completed a decision on updates to the remediation approach would be issued for review by the Site Auditor prior to implementation. An increased volume of soil to be excavated has the potential to adversely impact on traffic (if disposed of off-site), material management, schedule and cost. Depending on the magnitude of the changes (extent and volumes of contamination/ excavation required), additional imported fill may be required to achieve final re-instatement levels commensurate with current levels.

Scenario	Actions required
Larger volumes of contaminated water than anticipated (i.e. dissolved phase or LNAPL) is identified during the modification works (e.g. due to flooding and/or higher groundwater levels).	**Flooding:** Surface water management including minimising the water inflow to excavation reducing contaminated water is outlined in **Section 7.5.3.9**. **High Groundwater:** A groundwater assessment has been completed to assess the dewatering efforts required for excavation and address potential impacts. This assessment used highest observed groundwater levels for the respective excavation areas. If groundwater conditions encountered during excavation exceed these levels, mitigation measures in the GWMP would be undertaken (e.g. altering construction schedules to avoid wet periods, reducing excavation size, or using engineering controls to limit water recharge). If changes to the remedial extent are required, these would be issued for review by the Site Auditor prior to implementation.
Excessive vapours emanating from excavated and stockpiled soil or excavation pits.	Should elevated levels of contamination or odour (i.e. levels above those expected for in the relevant location) be present in ambient air, work related to the excavation would be suspended until a suitably qualified environmental consultant can investigate the source and instruct on how best to proceed to manage contamination, or vapour, or odour risks and achieve work health and safety and environmental compliance requirements. Measures that would be considered include • the movement of contaminated materials (based on visual observations or elevated photo-ionisation detector (PID)/lower explosive limit (LEL) meter measurements) that are exposed to a more distant location from adjacent properties and workers, • additional features to control emission from the treatment area such as odour suppressants and neutralisers. Thresholds for elevated vapour levels based on the relevant receptors would be defined in the Work Health and Safety Management Plan (WHSMP) (**Section 9.2.1**). Controls for dust and odour will be provided in the Air Quality Management Plan (**Section 9.1.2**). Once the assessment of the excessive vapours is completed, if a decision on changes to the remediation approach has been made, this would be issued for review by the Site Auditor prior to implementation.

Scenario	Actions required
The chemical classification for soil proposed for offsite disposal fails to meet “General Solid Waste” soil classification criteria under the Waste Classification Guidelines, NSW EPA 2014.	Conduct toxicity characteristics leaching procedure (TCLP) of contaminants exceeding General and/or Restricted Solid Waste, and/or Hazardous Waste chemical classification to assess the leachable concentration and whether the chemical classification of waste can be reduced. If the chemical classification of waste soil is still anything other than General Solid Waste, then onsite remediation (or onsite management) methods may be considered in the first instance.
Impacted soils are not suitable for treatment using the technologies detailed in this RAP.	If treatment is required via a methodology that has not been approved under the proposed modification, a separate development application or further modification may be required.
Excessive dust generated during remediation works	Dust mitigation measures have been identified in the modification report and would be implemented during the modification works. Acceptance thresholds and mitigation measures would be defined in the Air Quality Management Plan. Should excessive and unexpected levels of dust be detected during the remediation works, an investigation would be conducted to determine the source of the dust and evaluate the appropriate measures to be implemented. Use of temporary sheeting to cover exposed stockpiles, and additional dust suppression measures including water sprays would be used to minimise the mobilisation of dust and other airborne contaminants.
Spills and leaks of hazardous materials	A spill response plan would be developed and implemented as part the Emergency Response Plan (ERP) detailing procedures for responding to spills and leaks. Spill response materials equipment such as oil adsorbent pads, booms, and biodispersants would be allocated at accessible areas in the Project Area.
Noise and/or vibration levels detected during the remediation works	Noise and vibration impacts have been assessed in the modification report and submissions report within the updated Noise and Vibration Impact Assessment (NVIA) and mitigation measures would be implemented during the modification works based on the guidance set out in the Noise and Vibration Management Plan. Should unacceptable noise and/or vibration levels be detected during the remediation works, specific works would be discussed with Ampol, the Site Auditor (if required) and an acoustic consultant (if required) to advise on the appropriate approach to complying with noise management levels.

7.6.2.2 Contingency measures

Contingency measures are essential for remediation activities. This is particularly pertinent for contaminated soils with heavier end hydrocarbons and other contaminants (such as PFAS), or recalcitrant contaminants, that may not be conducive to the initial options proposed or where discrete portions of unidentified non-hydrocarbon impact are encountered. As such the following measures would be considered in accordance with the hierarchy of remediation options in **Section 7.2**:

- Modification of biopiling setup: Should turning biopiles be ineffective, thermal enhancement (involving the injection of heat into the biopiles through the ventilation system) may be considered to enhance the remediation process.
- Onsite management of unexpected finds may be appropriate as long as administrative measures are put in place (i.e. on-going EMP(s)). Onsite management is most useful where it is not practicable to remediate soils such as where soils are not suitable for bioremediation (such as areas of asbestos impact in soils).
- Offsite disposal (untreated soils) of unexpected finds: Offsite disposal of untreated soils to landfill would typically be considered when soils are not suitable for the remediation techniques described above or where onsite management is not practicable or desirable.
- In-situ treatment of groundwater: If the site requires further remediation to achieve zoned commercial/industrial land use suitability, in-situ treatment (e.g. injection of chemical oxidants, bioremediation enhancers, or immobilisers) may be considered if warranted based on a risk assessment. If required, active groundwater remediation would be subject to a separate development approval or modification of the existing SSD-5544 consent.

7.7 Waste management

Redundant infrastructure would be cleaned, processed and stored prior to reuse or removal from Site. Infrastructure and waste materials would be tracked in line with a Material Tracking Plan (**Section 9.3**).

A waste management area would be established in an area shown on **Annexure A, Figure F5** for surface and subsurface materials removed (e.g. concrete, metals/reinforcement bar, drainage lines). Once material is removed or excavated it would be sorted and stockpiled separately in this area prior to reuse or removal from Site. The waste management area would remain in place for the duration of the proposed modification works.

It is estimated that the proposed modification would involve the processing of approximately 40,000 m^3 of concrete predominantly from slabs and asphalt. Concrete would be crushed within the waste management area and where appropriate, used as backfill during Stage 3 to reduce the soil deficit and to improve the geotechnical stability of the land. Concrete waste that cannot be used would be taken offsite for recycling or disposal.

Contaminated soils encountered during Stage 2 would be managed in line with the processes outlined in **Section 7.5.3**. Where contaminated liquids could be encountered (for example potentially where OWS pipework is being removed), appropriate containment/spill mitigation measures would be employed (e.g. physical removal via vacuum extraction). LNAPL and/or impacted water would be directed to the WWTP or contained and disposed offsite by a licenced contractor as discussed in **Section 7.5.3.97.5.3.8**.

8.0 Validation plan

This section provides a summary of the validation works which would be conducted to confirm that the remediation works have achieved the remediation objectives and to confirm the suitability of soils for reuse in the Project Area in accordance with NSW EPA endorsed guidelines.

Further details on the proposed validation strategy would be included in the RWP(s).

8.1 Validation principles

The soil validation data obtained from remediation would be assessed in accordance with the ASC NEPM (NEPC, 2013) and the NEMP 3.0 (HEPA, 2025). This would involve demonstrating that relevant validation criteria (established in **Section 5.0** or as amended in the future RWP(s)) have achieved the remediation objectives through the:

- Use of systematic sampling patterns, and appropriate validation sampling methodologies
- Collection of an appropriate number of samples for estimation of the arithmetic average concentration of contaminant(s) within relevant environmental media and exposure areas
- Estimation of the 95% Upper Confidence Limit (UCL) of the arithmetic average concentration for soils.

Where applicable, the above statistical analysis would be applied to separate areas of the Project Area due to the nature of the staged remediation and validation works to be conducted. This would also apply if different strata (i.e. fill materials and natural soils) are excavated and are proposed to be reused onsite as part of the Project. Consequently, the analytical data obtained from the validation of materials to be reused onsite would be assessed separately as per the requirements of the ASC NEPM (NEPC, 2013) and the NEMP 3.0 (HEPA, 2025).

8.2 Soil validation sampling and analysis

It is anticipated that specific Sampling Analytical and Quality Plan (SAQP)s would be prepared as part of the validation Data Quality Objectives (DQOs) program for each stage of remediation works by a suitably qualified environmental consultant and reviewed by the Site Auditor prior to commencement of the remedial works.

The validation SAQPs would be prepared based on the actual sequence of remediation works and preferred remediation option that is implemented for each remedial excavation. They would detail specific requirement for demonstrating that the remediation works have been undertaken in accordance with the requirements of this RAP and the RWP(s).

The Validation SAQPs would include DQOs and Data Quality Indicators (DQIs) which would incorporate field quality control and laboratory analysis, methods and information on laboratory quality control data that would be used to validate the field and analytical data for the validation works. In general, the minimum requirements for validation of specific material types are outlined below.

8.2.1 Reusable fill materials

Backfill materials may be sourced from material that has been generated from the Site and assessed and validated as suitable for reuse, including concrete. Validation sample density would vary depending on the source. Samples shall be analysed for BTEXN, TRH, PAHs, heavy metals (defined in **Section 4.2.1**), soil pH, asbestos, and including analysis for additional COPC where local contamination sources are present and relevant to the reused material (e.g. testing for PFAS at the FFTA concrete slab). All material proposed for re-use onsite must meet the adopted site validation criteria. A detailed and systematic inspection would be completed of the material to assess the potential presence of visible ACM prior to final placement.

8.2.2 Imported fill

Import materials such as VENM/ ENM or those sourced from quarries that will be used as backfill on Site typically do not require validation sampling upon receipt to the Site. VENM must meet the definition outlined in POEO (1997) Schedule 1. Other suitable engineer, quarried or other material granted an application EPA Exemption under POEO (Waste) Regulation 2014 and accompanied by NSW EPA certification. If VENM/ENM materials are not certified by Ampol's appointed environmental consultant, confirmation testing would be undertaken upon delivery to the Site.

For confirmation testing, the import material will be field screened by visual inspection for anthropogenic material or signs of contamination and PID for presence of volatiles. If it is to be sampled and validated, sampling density will be a minimum of 3 samples for materials <75 m^3. Sample density for imported materials will be guided by the ENM POEO order 2014, Table 1 Sampling of Stockpiled Material, presented as **Table 26**. For quantities greater than 4,000 tonnes, a rate of 1:400 t will be used. The provided sample density would be considered a minimum requirement. Where imported materials are not homogeneous, sampling densities would need to be increased.

Table 26 Sampling of Stockpiled Material - ENM POEO Order 2014

Quantity (tonne)	Number of samples
<500	3
500 – 1,000	4
1,000 – 2,000	5
2,000 – 3,000	7
3,000 – 4,000	10

Samples shall be analysed for BTEXN, TRH, PAHs, heavy metals (defined in **Section 4.2.1**), soil pH and asbestos in combination with consideration of the source location and material inspection. POEO exemption material would need to be appropriately validated.

8.2.3 Waste classification

Materials designated for off-site disposal would be sampled for waste classification in accordance with the NSW EPA Waste Classification Guidelines – Part 1: Classifying waste (NSW EPA, 2014; including 2016 PFAS addendum) and at a rate sufficient to characterise the materials in accordance with the NSW EPA Contaminated Land Sampling Design Guidelines – Part 1: Application. This shall be determined by the field scientist / engineer on the basis of the volume of materials and any potential heterogeneity occurring within the materials.

8.3 Soil sampling methodology

Soil sampling methods appropriate for the relevant task would be determined by the appropriately trained and experienced field scientist / engineer as part of sampling design during the development of the SAQP. Changes to sampling methodology may be required due the Site conditions. Should this occur, and the methodology not be present within the contingency sections of the SAQP, the Site Auditor would be consulted for review and approval. It is expected that the proposed soil sampling methods would include:

- Test pits / grab samples using an excavator bucket for in-situ material characterisation and validation of deep excavations.
- Boreholes completed by hand or using mobile plant.
- Stockpile sampling using a shovel, trowel, or excavator bucket.

It is also acknowledged that soil sampling for soil characterisation might be supplemented with soil vapour sampling and analysis.

Reference would be made to the general requirements for sampling using various types of equipment as outlined in ASC NEPM (NEPC, 2013) and the NEMP 3.0 (HEPA, 2025). In all instances care would be taken to minimise the disturbance of material during sampling such that volatile contaminants may not be lost during sampling. Stockpile samples are to be collected at a minimum depth of 0.5 m below the surface of the stockpile, in accordance with ASC NEPM (NEPC, 2013). To support soil sampling, vapour sampling might be implemented, discussed in **Section 8.4.1**. Re-useable sampling equipment would be thoroughly decontaminated using phosphate and PFAS free detergent and distilled water between each sampling location.

Collected soil being sampled should be immediately transferred to laboratory provided sample containers of appropriate composition (glass / Teflon free jars). 500 ml sub-samples shall be additionally collected and placed in zip lock bags where asbestos analysis is required. During the collection of soil samples, features such as seepage, discolouration, staining, odours, and other indications of contamination shall be noted on field reporting sheets / borelogs.

Sample labels would record sample identification number and date and time of sampling. Sample containers would be transferred to a chilled ice box for sample preservation prior to and during shipment to the testing laboratory. A chain-of custody (COC) form would be completed and forwarded with the samples to the testing laboratory. The form would contain the following information:

- Sample identification
- Signature of sampler
- Date and time of collection
- Type of sample
- Number and type of containers submitted
- Inclusive dates of possession
- Signature of receiver.

National Authorities Testing Australia (NATA) accredited laboratories would be used for all analysis of samples. Appropriate methods and laboratory LORs are required for comparison to relevant criteria. Laboratory methods and laboratory LORs proposed to be adopted for analysis of soil samples collected during remediation / validation activities would be finalised in the RWP(s).

8.4 Validation inspections

Validation data is required to be collected to verify the effectiveness of the remedial works and document the final Site condition as being suitable for the proposed future use. Given the range and extent of remediation works to be completed under this RAP, the validation sampling design is summarised below for a range of anticipated activities, which will be supported by specific guidance in the RWP(s). Where validation programs are required to be designed for additional unexpected finds, consideration would be given to the validation sampling requirements identified below.

8.4.1 Treated soils

Following treatment, soils would be subject to validation testing against a pre-determined validation criteria and in accordance with a specific validation plan. Soils which have been validated to meet the commercial/ industrial standard (including any validated imported materials) would be stockpiled separately from soils requiring remediation.

Validated soils would be placed in excavations as soon as practicable following removal of contaminated soils and subsurface infrastructure. At the completion of the remediation works, areas used for stockpiling contaminated soils would be validated appropriately in accordance with the validation plan. Tracking documentation would be completed for each excavation and stockpile in accordance with the Materials Tracking Plan (outlined in **Section 9.3**).

8.5 Quality assurance / quality control

The pre-determined Data Quality Indicators (DQIs) to be adopted for all material characterisation and validation works are discussed below in relation to precision, accuracy, representativeness, comparability and completeness (PARCC parameters) as follows:

- Precision – measures the reproducibility of measurements under a given set of conditions. The precision of the data and sampling techniques is assessed by calculating the relative percent difference (RPD) of duplicate samples.
- Accuracy – measures the bias in a measurement system. The accuracy of the laboratory data that is generated during this study is a measure of the closeness of the analytical results obtained by a method to the 'true' value. Accuracy is assessed by reference to the analytical results of laboratory control samples, laboratory spikes and analyses against reference standards.
- Representativeness – expresses the degree to which samples data accurately and precisely represents a characteristic of a population or an environmental condition. Representativeness is achieved by collecting samples on a representative basis across the Site, and by using an adequate number of sample locations to characterise the Site to the required accuracy.
- Comparability – expresses the confidence with which one data set can be compared with another. This is achieved through maintaining a level of consistency in techniques used to collect samples, ensuring analysing laboratories use consistent analysis techniques and reporting methods.
- Completeness – is defined as the percentage of measurements made which are judged to be valid measurements. The completeness goal is set at there being sufficient valid data generated during the study.

Listed below in the table are predetermined DQIs including the QA/QC requirements.

Table 27 DQIs and QA/QC requirements

DQI	Field	Laboratory	Acceptability limits
Completeness	All critical locations sampled All critical samples collected SOPs appropriate and complied with Experienced sampler Documentation corrects	All critical samples analysed and all analytes analysed according to SOPs Appropriate methods Appropriate LOR Sample documentation complete Sample holding times as per ASC NEPM (2013)	As per ASC NEPM (2013) < nominated criteria
Comparability	Sample SOPs used on each occasion Experienced sampler Climatic conditions Same types of samples collected	Same analytical methods used (including clean-up) Sample LORs Same laboratories (NATA accredited) Same units	As per ASC NEPM (2013) < nominated criteria

DQI	Field	Laboratory	Acceptability limits
Precision	SOPs appropriate and were complied with: Collection of blind and split duplicate samples	Analysis of: Blind duplicate samples (1 in 20 samples non-PFAS) (1 in 10 for PFAS) Split duplicate samples (1 in 20 samples non-PFAS) (1 in 10 for PFAS) – excluding vapour Laboratory duplicate samples	Relative percentage difference (RPD) <10x LOR = No Limit 10-20x LOR = RPD 0% - 30% >20x LOR = RPD 0% - 30%
Accuracy	SOPs appropriate and were complied with: Collection of rinsate blanks (soil / water) Collection of trip blanks (soil / water) Recording of receipt and dispatch pressure (vapour) Completion of leak testing (vapour) Collection of atmospheric gases (vapour)	Analysis of: Rinsate Blanks (1 per sampling event) – excluding vapour Trip Blanks (1 per laboratory batch) – excluding vapour Method blanks Matrix spikes Matrix spike duplicates Surrogate spikes Laboratory control samples (LCS) Laboratory prepared spikes	Non-detect for CoPC Non-detect for CoPC Non-detect for CoPC 70 to 130% 70 to 130% 70 to 130% 70 to 130% 70 to 130%
Representativeness	Appropriate media sampled according to SOP All relevant media sampled	All samples analysed according to Sampling Plan	Appropriately selected samples analysed.

8.6 Validation criteria

8.6.1 Soils

Soils validation criteria to be applied in the validation of the Project Area as identified in the decision rules, based on the applicable human health and ecological investigation levels published in ASC NEPM (NEPC, 2013) and the NEMP 3.0 (HEPA, 2025). Validation criteria for the remedial works would be selected from assessment criteria that has been presented in **Section 5.0**. The relevant validation criteria will be dependant on the location of the SAE, considering relevant receptors within the Site. This would be finalised in the RWP(s)).

8.6.2 Imported materials

In accordance with the current EPA policy, only material that does not represent an environmental or health risk at the receiving site may be considered for resource recovery. Imported materials would only be accepted to the Site if they meet the definition of:

- Virgin excavated natural material (VENM) as defined in the POEO Act, 1997 Schedule 1.
- ENM as defined by the Resource Recovery Order under Part 9, Clause 93 of the POEO (Waste) Regulation 2014

- Any other suitable material granted an applicable exemption or order under the NSW EPA resource recovery framework.
- Extractive materials sourced from legal quarries (not considered a waste as defined under the POEO Act, Schedule 1, clause 19).

All material imported onto the Site is to be accompanied by appropriate documentation that has been verified by the appointed environmental consultant.

8.6.3 Validation of soil placement areas

Soils which are to be moved to another area on the Site for reuse would be subject to the following data recording process for future reference purposes, and detailed in the Material Tracking Plan (MTP):

- A location plan of the placed materials with co-ordinates based on unified grid system for the Site
- The levels in m AHD of the base of the placement location(s) prior to the material placement
- The surface levels in m AHD of the placement locations once all materials have been placed
- The levels in m AHD of any defining layers, such as marker layers
- The total placed volume of materials.

8.6.4 Validation of treated soils

Validation of individual biopiles would be carried out progressively via collection of soil and vapour samples from treated stockpiles/biopiles prior to reinstatement.

The methodology adopted for soil vapour validation of stockpiles would be via the use of stainless steel implants/probes buried a minimum of 500 mm beneath the surface of the consolidated stockpile. Direct vapour samples would be collected from stockpiles with the sampling methodology similar to standard subsurface soil vapour sampling. The collection of soil vapour samples for the validation of treated soil stockpiles should consider all of the same limitations that impact the use of the methodology when used to assess in-situ Site conditions, including: equilibrium timing, potential for atmospheric ingress, moisture interference, and the impact of atmospheric pressure and temperature. CRC Care Technical report number 23 sets out the Australian guidance for petroleum hydrocarbon vapour intrusion assessment.

Guidance on the minimum number of samples recommended for characterisation of homogenous soil stockpiles is provided in Table 3 and Table 4 of Section 5.4.6 of the NSW EPA Sampling design part 1 - application (2022).

For stockpiles <75m^3, a minimum of 3 samples is required, for stockpiles >75m^3 but <200m^3, one sample for each additional 25 m^3 is required up to 200 m^3.

For stockpiles over 200 m^3, a reduced frequency using a 95 % upper confidence limit (UCL) of the mean (this does not apply for asbestos): minimum 10 samples up to 2,500 m³; then ≥ 3,000 m³ use ~1 per 250 m³.

Soil vapour sampling would be carried out at a density 1 sample per 250 m^3 as a supplementary verification method to ensure the material is adequately characterised and validated prior to reinstatement into excavations.

Qualitative soil vapour measurements (with a PID as well as with a landfill gas analyser) would be collected in addition to the laboratory analytical samples, and vapour measurements.

8.6.5 Validation of crushed concrete

Where crushed concrete generated from onsite materials is proposed for reuse as a backfill materials it will require assessment and validation as with soils, to confirm its suitable for reuse. Validation sample density and analysis schedule would vary depending on the source area that the concrete originated from. At a minimum samples shall be analysed for BTEXN, TRH, PAHs, heavy metals (defined in **Section 4.2.1** and asbestos in combination with consideration of the source location. A detailed and systematic inspection would be completed of the material to assess the potential presence of visible ACM or anthropogenic prior to final placement.

8.6.6 Asbestos clearance

Where it is proposed that remediation of asbestos in soils is undertaken, and the intent is to validate the area as asbestos free (e.g. the LPG area), this will require the issue of an asbestos clearance certificate, issued by a licensed asbestos assessor (LAA) following the completion of remedial works. The validation of clearance will involve inspection of the area, and quantitative validation sampling. In lieu of local NSW government guidance covering validation of asbestos contaminated soils, this will be completed in accordance with the Guidelines for the Assessment Remediation and Management of Asbestos Contaminated Sites in Western Australia (WA DoH, 2021). Given the known presence and extent of asbestos at the Site, in line with Table 4 of the WA DoH, 2021, the Site should be considered as “likely” to contain asbestos, utilising sampling densities double the minimum sampling rate stated in Table 5. It is noted that the WA Asbestos Guidelines are not wholly consistent with the regulatory framework in NSW. Refer to NSW EPA online article *Managing asbestos in and on land* for up to date guidance while it explores any changes that could be made to the regulatory framework.

8.7 Groundwater assessment

Where further assessment of groundwater contaminant conditions is required, there would be a program of groundwater monitoring completed. This would include situations where:

- Prior to remedial works, to ensure the baseline groundwater conditions are known
- During remedial works, to ensure groundwater conditions do not change as a result of the disturbance
- Following the completion of remedial works, to assess the ongoing post remedial groundwater condition, as discussed in **Section 9.5**

Requirements for decommissioning and reinstallation of groundwater monitoring wells destroyed during remedial activities are introduced in **Section 8.7.3** and would be included in detail with relevant remedial work plan documentation. Groundwater gauging and sampling methodology are outlined below.

8.7.1 Groundwater gauging methodology

Target monitoring wells as defined in the RWP will have their headspace measurements collected immediately after opening the well cap, using a PID. Following this, the well will be gauged for absence / presence (and where present, depth) of LNAPL, and depth to groundwater below top of casing using an oil/water interface probe. New appearances of LNAPL, or changes in expected thickness of LNAPL outside of historical fluctuations will be confirmed visually with a bailer.

8.7.2 Groundwater sampling methodology

Where groundwater sampling is required, it will be completed utilising no-purge method using HydraSleeve^{tm} samplers, in line with the Site’s quarterly groundwater monitoring methodology, and in accordance with the Australia and New Zealand Standard for Groundwater Sampling (AS/NZS 5667.11.1998. Groundwater gauging as discussed in the subsection above would be completed prior to commencement of groundwater sampling.

Reference would be made to the general requirements for groundwater sampling using various types of equipment as outlined in NSW EPA Sampling Design Guidelines (2022), ASC NEPM (NEPC, 2013) and the NEMP 3.0 (HEPA, 2025). In all instances care would be taken to minimise the disturbance of groundwater during sampling such that volatile contaminants may not be lost.

Groundwater physiochemical properties would be collected in the field using down well multi-probe water quality meter immediately following the retrieval of the HydraSleeve^{tm} and collection of the groundwater sample, consistent with the quarterly groundwater monitoring methodology at the Site.

One primary sample is to be collected from each target well. Groundwater sampling equipment would be PFAS free (i.e. non-Teflon coated bailers). All sampling equipment would be thoroughly decontaminated using phosphate and PFAS free detergent and distilled water between each sampling location.

Sampled groundwater would be immediately transferred to laboratory provided sample containers of appropriate composition (glass / Teflon free jars). During the collection of groundwater samples, features such as colour, oil sheen, odours, and other indications of contamination shall be noted on field reporting sheets.

Sample labels would record sample identification number and date and time of sampling. Sample containers would be transferred to a chilled ice box for sample preservation prior to and during shipment to the testing laboratory. A chain-of custody (COC) form would be completed and forwarded with the samples to the testing laboratory. The form would contain the following information:

- Sample identification
- Signature of sampler
- Date and time of collection
- Type of sample
- Number and type of containers submitted
- Inclusive dates of possession
- Signature of receiver.

National Authorities Testing Australia (NATA) accredited laboratories would be used for all analysis of samples. Appropriate methods and laboratory LORs are required for comparison to relevant criteria. Laboratory methods and laboratory LORs proposed to be adopted for analysis of groundwater samples collected pre- and post-remediation would be finalised in the RWP(s).

Changes to sampling methodology may be required due the Site conditions. Should this occur, and the methodology is not present within the contingency sections of the SAQP, the Site Auditor would be consulted for review and approval.

8.7.3 Groundwater monitoring well network maintenance

It is acknowledged that remedial excavations are proposed in areas that are currently serviced by groundwater monitoring wells. The standard for installation and decommissioning of groundwater monitoring wells in NSW are set out in the Minimum Construction Requirements for Water Bores in Australia (MCR), National Uniform Drillers Licensing Committee 2020. If an excavation will overlap with an existing groundwater monitoring well, the monitoring well should be decommissioned prior to the commencement of excavations that would otherwise destroy the monitoring feature.

Following the completion of excavation works and backfill, the installation of new replacement groundwater monitoring wells may be required within the boundaries of the completed remedial excavation to provide spatial coverage of the post-remedial conditions. The location of these installations would be based on the works completed and the extent of coverage required to monitor the area following remediation. These will be set out in the remedial works plan and in the subsequent update to the Site's ongoing management plan (introduced in **Section 9.5**).

8.8 Soil vapour assessment

Where further assessment of soil vapour conditions are required, a program of soil vapour monitoring would be completed. This may be required in situations including:

- Prior to remedial works, to ensure baseline soil vapour conditions are understood and recorded.
- Following completion of remedial works, to assess post-remediation soil vapour conditions and the effectiveness of remedial measures where exceedances of Tier 1 criteria for soil and groundwater remain and are not proposed to be addressed through engineering controls..

Soil vapour monitoring, sampling, and details relevant to the maintenance of monitoring features are provided in **Section 8.8.1** and **Section 8.8.2** below.

8.8.1 Soil vapour probe / well installation

Installation of soil vapour monitoring features (probes and wells) should follow methodologies set out in Appendix D of CRC CARE technical report 23 – Petroleum Hydrocarbon vapour intrusion assessment.

The choice of method should depend upon the site, access, geology (texture, moisture and stratigraphy) and the project goals. For limited-access areas, a temporary probe may be all that is applicable. Where repeat sampling is required, a permanent well offers advantages.

Target sampling points for soil vapour assessment will be set out in the RWP. Notable site specific constraints relating to soil vapour assessment include the unsealed surface condition and the shallow groundwater. The selection of sampling points would consider and record the current condition of the surface (sealed / unsealed), as well as the depth to water taken from the nearest available groundwater monitoring well.

8.8.2 Soil vapour probe / well monitoring and sampling methodology

Where soil vapour sampling is required, samples will be collected from selected soil vapour monitoring points. Sampling methodology will be completed via a preferred method, active or passive, per Appendix F of CRC CARE technical report 23. Analysis schedule should refer to the target volatile COPC being assessed within the given work zone (provided within the relevant RWP).

As part of ongoing maintenance of soil vapour monitoring features, leak testing should be undertaken prior to each round of quantitative sampling and analysis. These procedures are set out in Appendix F1.1 of CRC CARE technical report 23.

8.9 Reporting

Following the completion of the remediation works, a Validation Report would be prepared in accordance with the NSW EPA Consultants reporting on contaminated land: Contaminated land guidelines (NSW EPA, 2020). Works within the relevant Site Audit Boundary would be reviewed and endorsed by the Site Auditor, via Interim Audit Advice (IAA). The Validation Report may include progressive validation reports for separate portions of the Project Area to enable progressive validation of these areas.

The report would be prepared to include:

- An overview of the remediation works carried out for each validation area
- Update relevant portions of the Site description and CSM as prepared in this RAP
- A summary of the Site history and basis for the remediation approach for the validation areas
- Surveyed figures outlining the extent of the remediation works
- The location of validation and characterisation samples
- Descriptions of sampled materials (including visual and olfactory observations)
- Field equipment calibration certificates/records
- Photographic documentation of the validation works
- Details of imported material used at the Project Area
- Waste classification certificates and landfill waste disposal information
- Summary of the tracking and fate of materials including materials excavated for onsite treatment, reuse onsite or offsite disposal
- Landfill weighbridge dockets (if required)
- Summary tables for soil (and groundwater, if required) analytical results
- Confirmation that the Project DQOs and DQIs have been appropriately met
- National Association of Testing Authorities registered laboratory analytical certificates

- Undertake assessment to the decision rules and identify environmental data which causes decision rules to be failed
- Conclusions as to the suitability of the Project Area specifically for on-going Terminal use and in future to enable the land to be used for commercial/ industrial purposes
- Recommendations (if required) for further works
- Identify the requirements for any EMP(s) including inclusion of a survey clearly identifying the extent of material management areas .

At the completion of the remedial works under the proposed modification, one or more IAA documents would be prepared by the Site Auditor in accordance with the Guidelines for the NSW Site Auditor Scheme (3rd edition). Multiple IAAs may be required depending on the progress of remediation and validation activities within the Audit Boundary in Zone 2 and Zone 3.

9.0 Site management

9.1 Environmental management

9.1.1 Preparation of a remediation environmental management plan

Demolition, excavation and remediation works would occur as part of the proposed modification. A MOD-7 Construction Environment Management Plan (CEMP) would be prepared alongside the RWP(s). This CEMP would aim to:

- Ensure appropriate environmental management practices are followed during the modification works to avoid and minimise adverse impacts on environmental receptors
- Achieve the overall environmental objectives
- Ensure legal and contractual compliance.

9.1.2 Required elements / procedures

The MOD-7 CEMP aims to address a number of Site management controls as required by the NSW EPA (2020) Contaminated Land Guidelines: Consultants Reporting on Contaminated Land, and include discussions regarding the activities and procedures that are to be applied and set out management structure and responsibilities, including:

- Soils and Water Management Plan (SWMP), including:
  - Surface Water Management Plan
  - Erosion and Sediment Control Plan (ESCP)
  - Acid Sulfate Soils Management Plan (ASSMP)
- Groundwater Management Plan (GWMP)
- Contamination Management Plan (CMP)
- Asbestos Management Plan (AMP)
- Waste and Resource Management Plan (WRMP)
- Aboriginal Cultural Heritage Management Plan (ACHMP)
- Construction Traffic Management Plan (CTMP)
- Noise and Vibration Management Plan (NVMP)
- Air Quality Management Plant (AQMP)
- Biodiversity and Weeds Management Plan (BWMP).

Alongside the CEMP and RWP(s), the following existing Site management plans and documents would be updated to incorporate the proposed modification:

- Work Health and Safety Management Plan (WHSMP)
- Community and Stakeholder Engagement Plan (CSEP)
- Emergency Response and Preparedness Plan(s).

The precise names of these plans and documents may change depending as a result of discussions with stakeholders during the modification application process. Consent conditions may allow for plans to be brought together or combined as required.

9.2 Health and safety

9.2.1 Work Health and Safety Management Plan

Prior to commencement of the remediation works, the Principal Contractor and / or Remediation Contractor would develop a WHSMP that defines health, safety and emergency management processes and procedures such that a safe working environment is maintained during the works including:

- Responsibilities, controls, procedures and systems of work for the anticipated works that are, so far as is practicable, safe and minimise risks to health, environment and infrastructure
- Information and instructions to parties involved in the works as necessary to enable the works to be undertaken in a manner that is safe and with minimal risks to health and environment
- Procedures to manage health, and safety risk for activities that cannot be planned in detail prior to enabling works
- Health and safety procedures required for reporting a near miss, unforeseen events or incident situations (including Notifiable Incidents to the Regulator)
- Safe Work Method Statements (SWMS) to identify key tasks, the associated hazards and mitigation measures to control the hazards.

The Principal Contractor and / or Remediation Contractor undertaking the works at the Site is required, at a minimum, to complete the Ampol online induction course, general contractor inductions at the Site in addition to project specific requirements.

9.2.2 Decontamination and PPE

9.2.2.1 Asbestos

An Asbestos decontamination area would be established onsite for the use of the personnel conducting the remediation works when working with soils contaminated or potentially contaminated with asbestos. The asbestos decontamination area would comprise a segregated area where the contaminated work clothing and respirators are removed and discarded. This area would be connected to the wet decontamination unit and access to and from work area would be via this ‘Change Room’ area.

The Change Room is the area in which potentially contaminated PPE must be removed prior to leaving the Designated Work Area. It is to be located at the exit to the Designated Work Area. It must not be used for purposes other than decontamination. It must not be used as a materials storage area. All personnel leaving the Designated Work Area must use the Change Room prior to leaving. Personnel would remove disposable protective clothing prior and would be required to ensure that no asbestos soiled clothes or PPE leave the decontamination area to the ‘clean end’ of the area.

PPE is to be provided to all personnel working in the Designated Work Areas and would be available within the decontamination area. The PPE would be to the standards required for the asbestos removal work and for protection from other contaminants (e.g. VOCs).

Where personnel are working on the ground within the designated asbestos areas and are required to handle, or are likely to come into direct contact with asbestos material the following minimum PPE is required:

- High visibility vests / shirts
- Disposable coveralls
- Disposable booties or safety gumboots which can be decontaminated
- Safety boots with rubber soles
- Safety glasses
- Gloves (cut proof and disposable)
- Respirators - half (P2) or full face (P3) including organic vapour filter (where other contamination is identified in the soil).

The protective clothing would be required to be provided daily to employees at the commencement of their work shift at the Change Area. Protective clothing is only for use in the Designated Work Area and would not be used outside of this area.

Once workers are inside the Work Zones, they are not permitted outside of that area without proceeding through the appropriate decontamination procedures.

No employee is permitted to remove any disposable protective clothing from the Site. Contaminated overalls and PPE are to be disposed of with the asbestos contaminated waste materials in appropriately labelled waste bins or bags.

9.2.2.2 Other contaminants

Decontamination and PPE requirements for other chemical COPC would be based on the particular COPC being remediated. Generally, chemical decontamination of equipment would occur when equipment has come into contact with heavily contaminated soil or groundwater. Where feasible, the equipment would be washed-down with a suitable decontamination solution, in a dedicated wash-zone with suitable wastewater drainage. In the likely event that chemical decontamination is required for equipment that was also exposed to asbestos in soils, and assuming the chemical decontamination cannot occur within the area that the equipment was used, the asbestos decontamination and clearance process should be completed first, prior to delivering the equipment to the chemical decontamination area.

For chemical contaminants, personnel working on the ground that are required to handle, or are likely to come into direct contact with contaminated material, the following minimum PPE is required:

- High visibility vests / shirts
- Long sleeve shirt and pants
- Safety boots with rubber soles
- Safety glasses
- Gloves (nitrile and/or cut resistant).

Based on the COPC, personnel might also require the use of:

- Respirators - half or full face P3 with relevant applicable vapour filter (selected based on the contaminant identified present).

Personnel would consult with their activity specific SWMS or other relevant guidance.

9.2.2.3 Activity specific PPE

Personnel would consult the WHSMP or SWMS for advice on activity specific PPE such as hard hats and hearing protection.

9.3 Materials tracking plan

All materials handled during the remediation works would be tracked in order to allow verification of the correct movement and handling. The material tracking plan would track materials from cradle-to-grave and would provide detailed information on the location and quantity of all material movements, both for onsite treatment and offsite disposal, so that the material being handled can be identified and accounted for. The tracking system would include accurate tracking of stockpiles throughout the entire material handling stage and would include confirmation of stockpile locations. This is to reduce the risk of cross-contamination between stockpiles.

A field manager would be assigned by the Principal Contractor and / or Remediation Contractor, who would be responsible for filling out the materials tracking forms, implementing the field procedures, and coordinating with field personnel who are collecting samples. As part of this process, accurate records would be kept ensuring that backfilling of excavations and reuse of material only occurs following the successful validation as described in the **Section 8.4**. A register of all analytical results for stockpiles and excavations would be maintained throughout the validation works.

9.4 Interim site management

It is anticipated that interim site management measures would be maintained during various remediation stages to mitigate and minimise the migration of potentially contaminated materials at the Site during the remediation and infrastructure removal/relocation works.

9.4.1 General site

Dependent upon remediation and infrastructure removal / relocation works being completed, the final surface of the works footprints would be completed in a manner which prevents exposure of Site personnel to contaminants if present, and mitigates environmental considerations such as erosion and stormwater runoff. These measures would be implemented in accordance with the Site OEMP and contained EMP(s). This may include installation of a suitable validated asbestos-free backfill layer. These layers would be maintained and / or replaced following disturbance.

9.4.2 Site boundaries

Remediation and infrastructure removal / relocation works may require temporary battering to ensure the stability of the surface and surrounding areas.

Given that in some instances the batter could include retention of un-remediated areas adjoining the remediated areas, the following may be installed at either the lateral extent of either the remediated area, or the lateral extent of the current works stage, as appropriate:

- Geofabric across the exposed batter face to minimise the potential for migration of contaminated material from the batter onto the interim cap
- 0.15 m capping profile overlying the batter to provide a working surface during infrastructure installation activities
- Site fencing to restrict access to adjoining areas so as to minimise the potential for vehicular/ plant transfer of contaminated material from the development sites onto the remediated areas
- Sediment and dust control measures attached to / adjoining the fencing to minimise the transfer of potentially contaminated material from the remediation area via wind / sediment migration. It is anticipated that existing pavement / gravel / road base ground covers would be maintained within the Project Area prior to the commencement of remediation to further reduce the potential for migration of contaminated material from one area to another.

9.4.3 Interim validation documentation requirements

Where the remediation works are completed in a number of stages across the Project Area, validation works and associated reports may be prepared for specific stages/portions of the Project Area. The extent of the Project Area addressed by each report would be identified via survey with appropriate plans included in the relevant validation report(s).

9.5 Ongoing management

In addition to the requirements of the validation plan presented in **Section 8.0**, the proposed remediation would require ongoing management following completion of the works.

Where relevant, following remediation and where further management of contamination is required within the Audit Boundary, one or more EMP(s) would be prepared. These plans would fall under and be administered by the Site's existing OEMP. The OEMP would be updated as required to incorporate new EMP(s). The EMP(s) would be prepared in general accordance with the NSW EPA EMP Guidelines (2022) and NSW EPA Consultant Guidelines (2020) and would be provided to the appointed Site Auditor for endorsement.

The precise nature and extent of the management requirements would not be known until remediation / management works are conducted and the validation data obtained.

The EMP at a minimum would include groundwater management, which would detail groundwater monitoring requirements for the land where it applies. It is anticipated that a number of existing groundwater wells around the Site would be lost during excavation works. The well network coverage would need to be re-assessed, and if not sufficient, the destroyed wells would be replaced following the completion of reinstatement works. Monitoring of other media, such as soil vapour and/or surface water, may also be required.

Ongoing management requirements for various portions of the Project Area would be dependent upon the remediation measures and end use.

The EMP(s) would include:

- A statement of the objectives of the EMP
- Description of responsibilities and timeframes for implementation of the EMP requirements
- Specific additional health and safety requirements for intrusive activities
- Appropriate monitoring locations and depth within and down-gradient of residual contamination
- Environmental monitoring and reporting requirements (as required)

10.0 Community and stakeholder engagement

A CSEP would be produced to notify stakeholders (including occupiers of neighbouring properties and other contractors performing works onsite) of the proposed modification works. The CSEP would be integrated with existing community consultation / communication planning, and provide an outline of the stakeholders, engagement risks and mitigation measures, tools and activities to implement to deliver an appropriate engagement approach.

11.0 Conclusions

This RAP has been prepared to meet the requirements of the relevant NSW EPA endorsed guidelines including the NSW EPA (2020) *Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites* which provides a framework for regulatory compliance.

Key tasks for finalising the RWP(s):

- Completion of DGAs at the Site to address known data gaps.
- Refine remediation extent and volumes.
- Finalise Supporting Management Plans and Work Procedures (**Section 1.6**).

The remedial strategy (and extents) discussed in this RAP are subject to the findings of the DGA.

12.0 Limitations

This Report is provided strictly in accordance with and subject to the following limitations and recommendations:

a. This Report should be read in full and no excerpts are to be taken as representative of the findings. No responsibility is accepted by AECOM Australia Pty Limited (AECOM) for use of any part of this Report in any other context.

b. This Report has been prepared for the sole benefit of Ampol Australia Petroleum Pty Ltd and neither the whole nor any part of this Report may be used or relied upon by any party other than Ampol Australia Petroleum Pty Ltd.

c. This Report is dated 07 March 2025. AECOM accepts no responsibility for any events arising from any changes in Site conditions or in the information reviewed that have occurred after the completion of the Site monitoring.

d. A site which appears to be unaffected by contamination at the time the Report was prepared may later, due to natural phenomena or human intervention, become contaminated.

e. Except as specifically stated above, AECOM makes no warranty, statement or representation of any kind concerning the suitability of the Site for any purpose or the permissibility of any use, development or re-development of the Site.

f. Use, development or re-development of the site for any purpose may require planning and other approvals and, in some cases, environmental regulatory authority and accredited Site Auditor approvals. AECOM offers no opinion as to whether the current use has any or all approvals

g. Except as required by law, no third party may use or rely on, this Report unless otherwise agreed by AECOM in writing. Where such agreement is provided, AECOM will provide a letter of reliance to the agreed third party in the form required by AECOM.

h. To the extent permitted by law, AECOM expressly disclaims and excludes liability for any loss, damage, cost or expenses suffered by any third party relating to or resulting from the use of, or reliance on, any information contained in this Report. AECOM does not admit that any action, liability or claim may exist or be available to any third party.

i. It is the responsibility of third parties to independently make inquiries or seek advice in relation to their particular requirements and proposed use of the relevant property.

j. The ongoing use of the Site and/or the use of the Site for any different purpose may require the owner/user to manage and/or remediate Site conditions, such as contamination and other conditions, including but not limited to conditions referred to in this Report

13.0 References

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AECOM, 2023d. Asbestos in Soil Investigation, Ampol Kurnell Terminal, 2 Solander Street, Kurnell NSW, RPIP Investigation, 31 July 2023.

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Annexure A

Figures

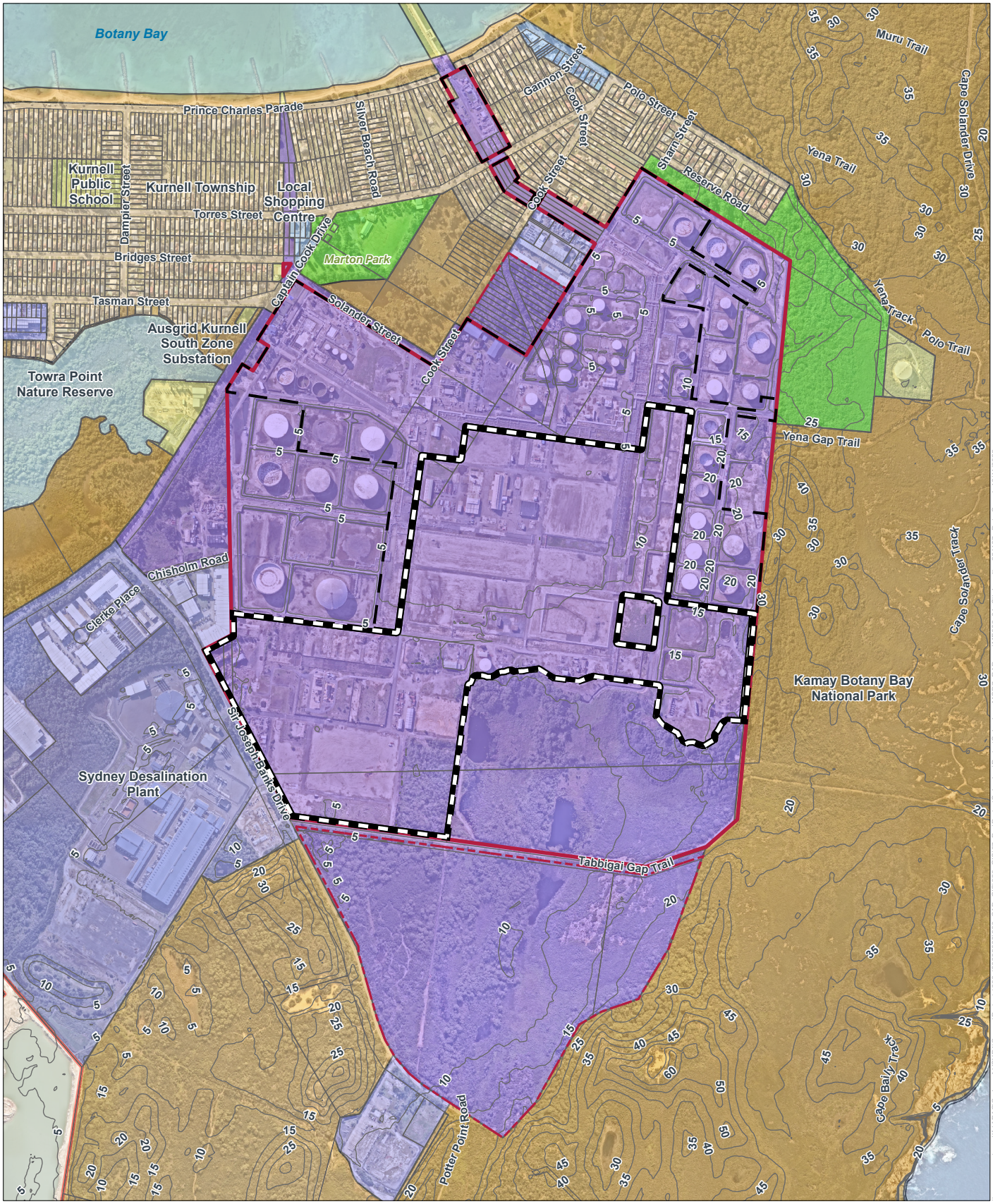

FIGURE F1A: SITE LOCATION

Legend

- Site Boundary
- Ampol Ownership
- Project Area
- Audit Boundary
- Cadastral Boundaries
- Elevation Contour (m AHD)

Land Zoning

- C1 - National Parks and Nature Reserves
- C2 - Environmental Conservation; C2, Environmental Management
- C4 - Environmental Living
- E1 - Local Centre
- E4 - General Industrial
- E5 - Heavy Industrial
- RE1 - Public Recreation
- SP2 - Infrastructure
- W1 - Natural Waterways
- UL - Unzoned Land
- DM - Deferred Matter

N

0 150 300 m

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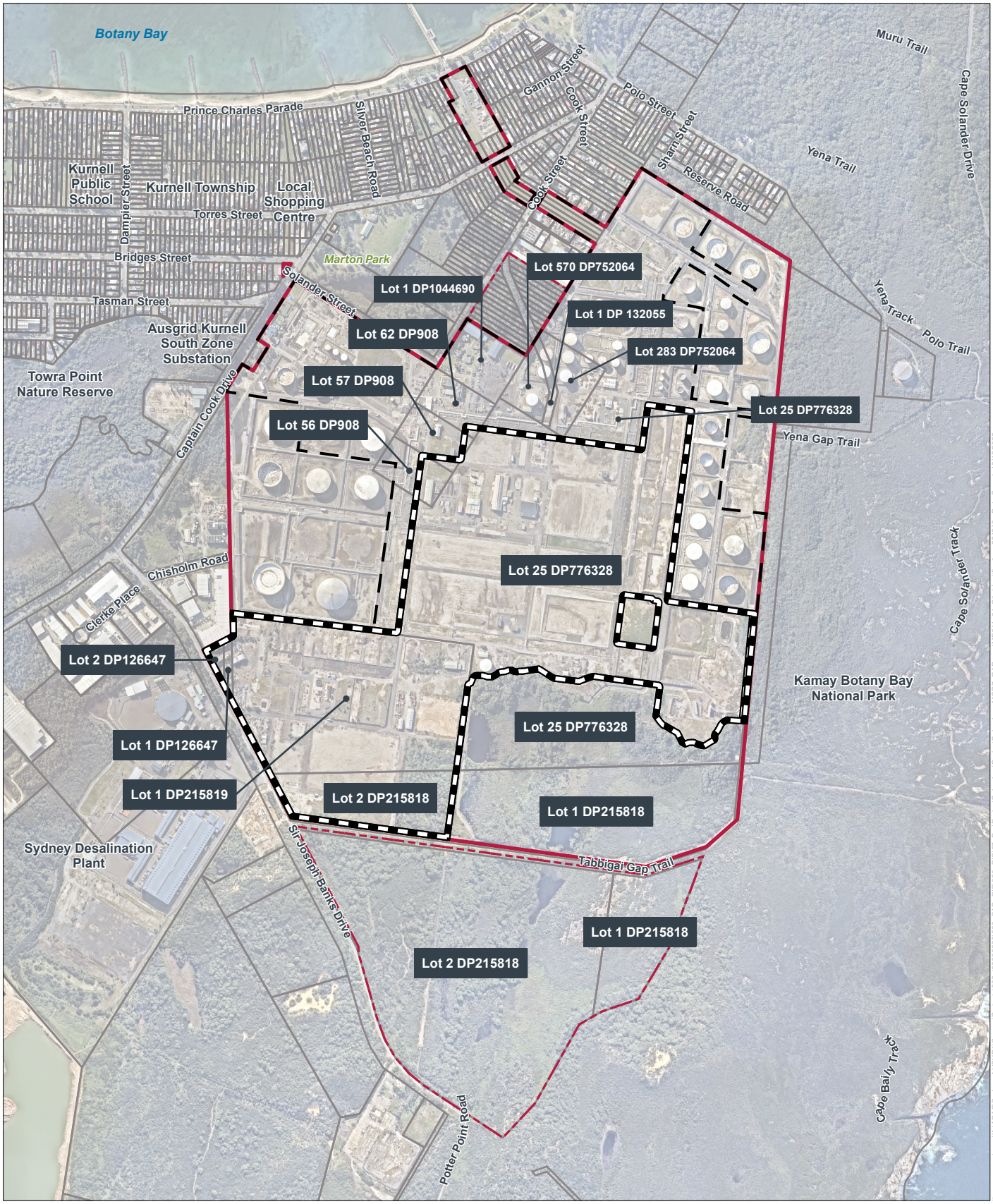

FIGURE F1B: CADASTRAL BOUNDARIES

Legend

- Site Boundary
- Ampol Ownership
- Project Area
- Audit Boundary
- Cadastral Boundaries

N

0 150 300 m

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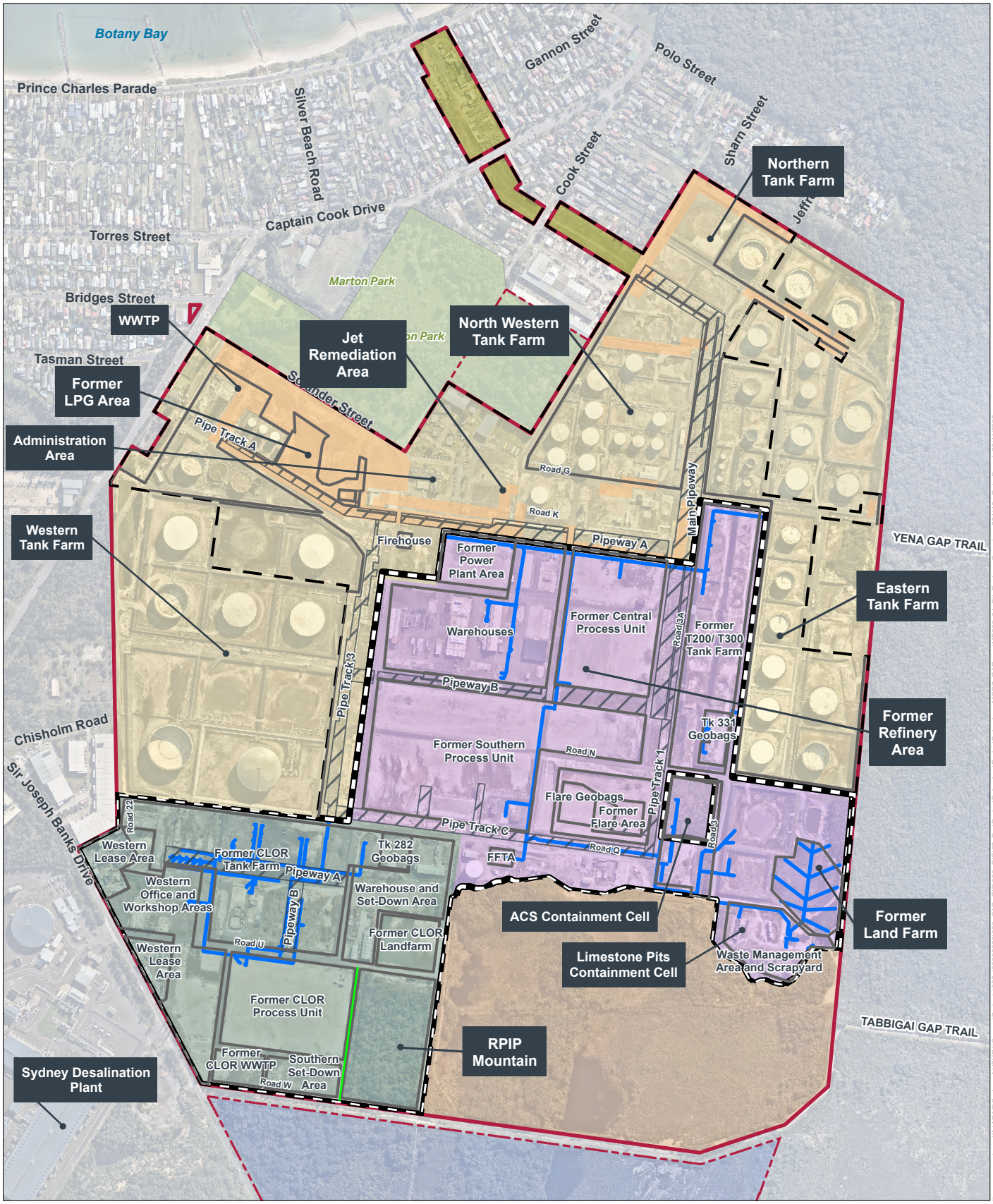

FIGURE F2 - PROJECT AREA AND KEY SITE FEATURES

Legend

- Site Boundary
- Ampol Ownership
- Audit Boundary
- Project Area
- Feature Boundary
- Marton Park
- Pipetracks and Pipeways
- Oily Water Sewer
- Firewater System Relocation Areas
- Open drainage channel
- Zone 1
- Zone 1A
- Zone 2
- Zone 3
- Zone 4
- Zone 5

N

0 150 300 m

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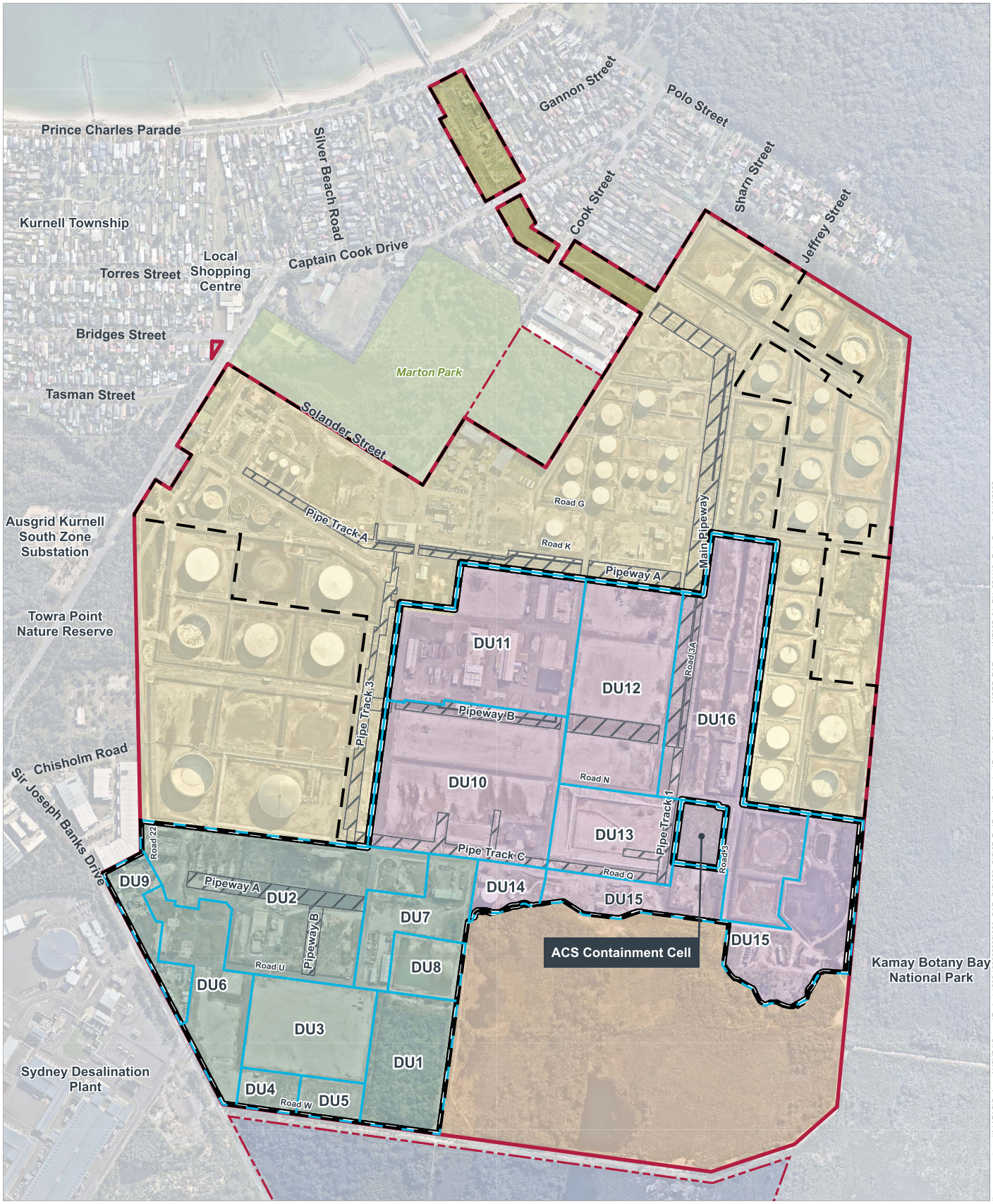

FIGURE F3: AUDIT BOUNDARY AND DECISION UNITS

Legend

- Site Boundary
- Ampol Ownership
- Audit Boundary
- Project Area
- Marton Park
- Pipetracks and Pipeways
- Decision Units
- Zone 1
- Zone 1A
- Zone 2
- Zone 3
- Zone 4
- Zone 5

N

0 100 200 m

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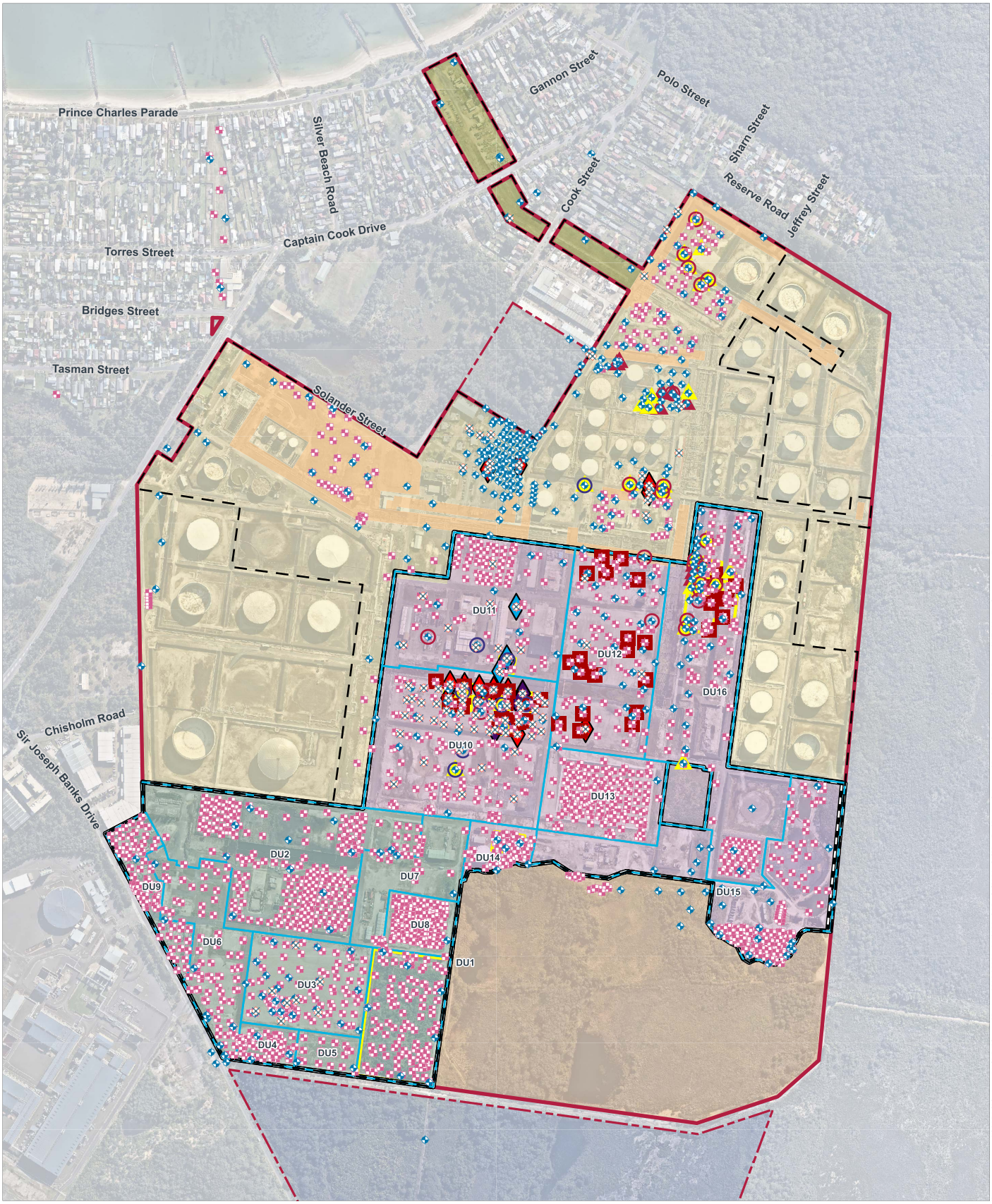

FIGURE F4A: HISTORIC SOIL, GROUNDWATER, AND SOIL VAPOUR LOCATIONS AND EXCEEDANCES OF REMEDIAL CRITERIA

N 0 60 120 m

AECOM

Legend

- Site Boundary
- Ampol Ownership
- Audit Boundary
- Project Area
- Decision Units
- Source Area Excavation
- Firewater System Relocation and Removal Areas
- Zone 1
- Zone 1A
- Zone 2
- Zone 3
- Zone 4
- Zone 5
- Groundwater Monitoring Well
- Soil Borehole
- Soil Vapour Well

Groundwater Monitoring Wells Exceedances

- CHC HH
- PHC HH
- LNAPL Detected
- Indicative LNAPL [ASC NEPM (NEPC, 2013)]

Soil Exceedances

- PHC

Soil Vapour Exceedances

- CHC
- PHC
- CHC/PHC

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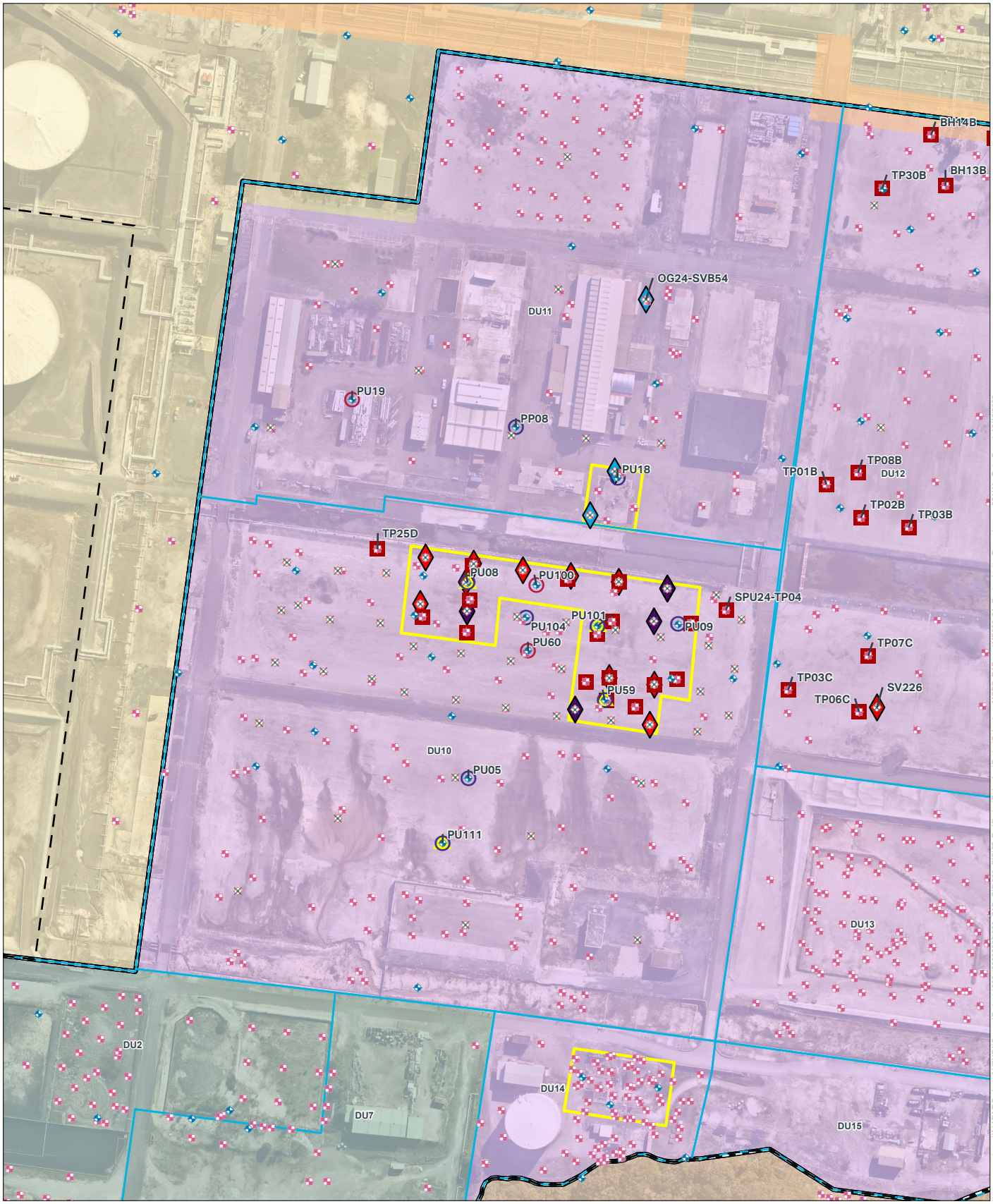

FIGURE F4B: HISTORIC SOIL, GROUNDWATER, AND SOIL VAPOUR LOCATIONS AND EXCEEDANCES OF REMEDIAL CRITERIA IN DU10 AND DU11

N 0 20 40 m AECOM

Legend

- Site Boundary
- Audit Boundary
- Project Area
- Decision Units
- Source Area Excavation
- Firewater System Relocation and Removal Areas
- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Groundwater Monitoring Well
- Soil Vapour Well

Groundwater Monitoring Wells Exceedances

- CHC HH
- PHC HH
- Indicative LNAPL [ASC NEPM (NEPC, 2013)]

Soil Vapour Exceedances

- CHC
- PHC
- CHC/PHC

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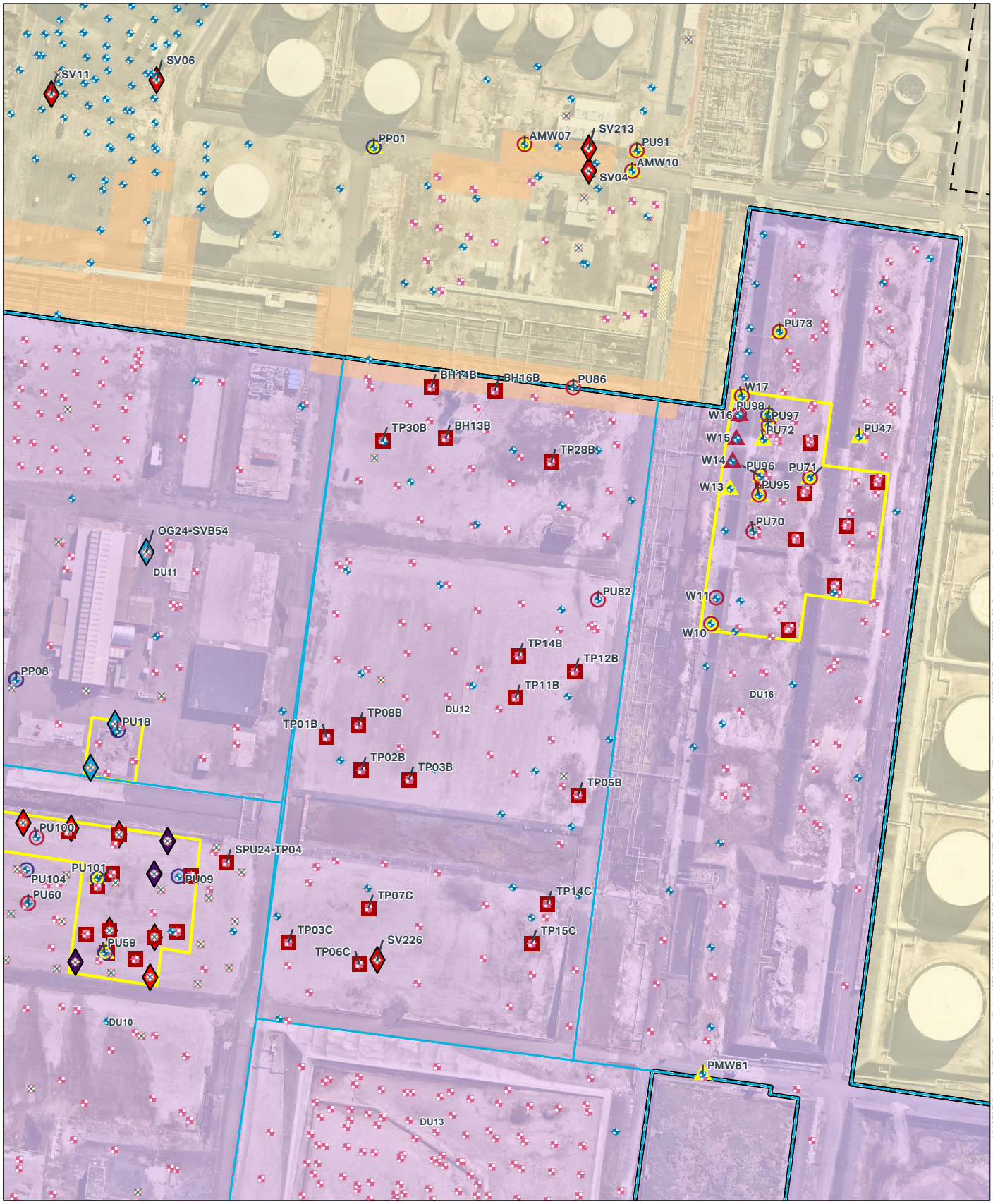

FIGURE F4C: HISTORIC SOIL, GROUNDWATER, AND SOIL VAPOUR LOCATIONS AND EXCEEDANCES OF REMEDIAL CRITERIA IN DU12 AND DU16

N 0 20 40 m AECOM

Legend

- Site Boundary
- Audit Boundary
- Project Area
- Decision Units
- Source Area Excavation
- Firewater System Relocation and Removal Areas
- Zone 1
- Zone 2
- Groundwater Monitoring Well
- Soil Vapour Well

Groundwater Monitoring Wells Exceedances

- CHC HH
- PHC HH
- LNAPL Detected
- Indicative LNAPL [ASC NEPM (NEPC, 2013)]

Soil Exceedances

- PHC

Soil Vapour Exceedances

- CHC
- PHC
- CHC/PHC

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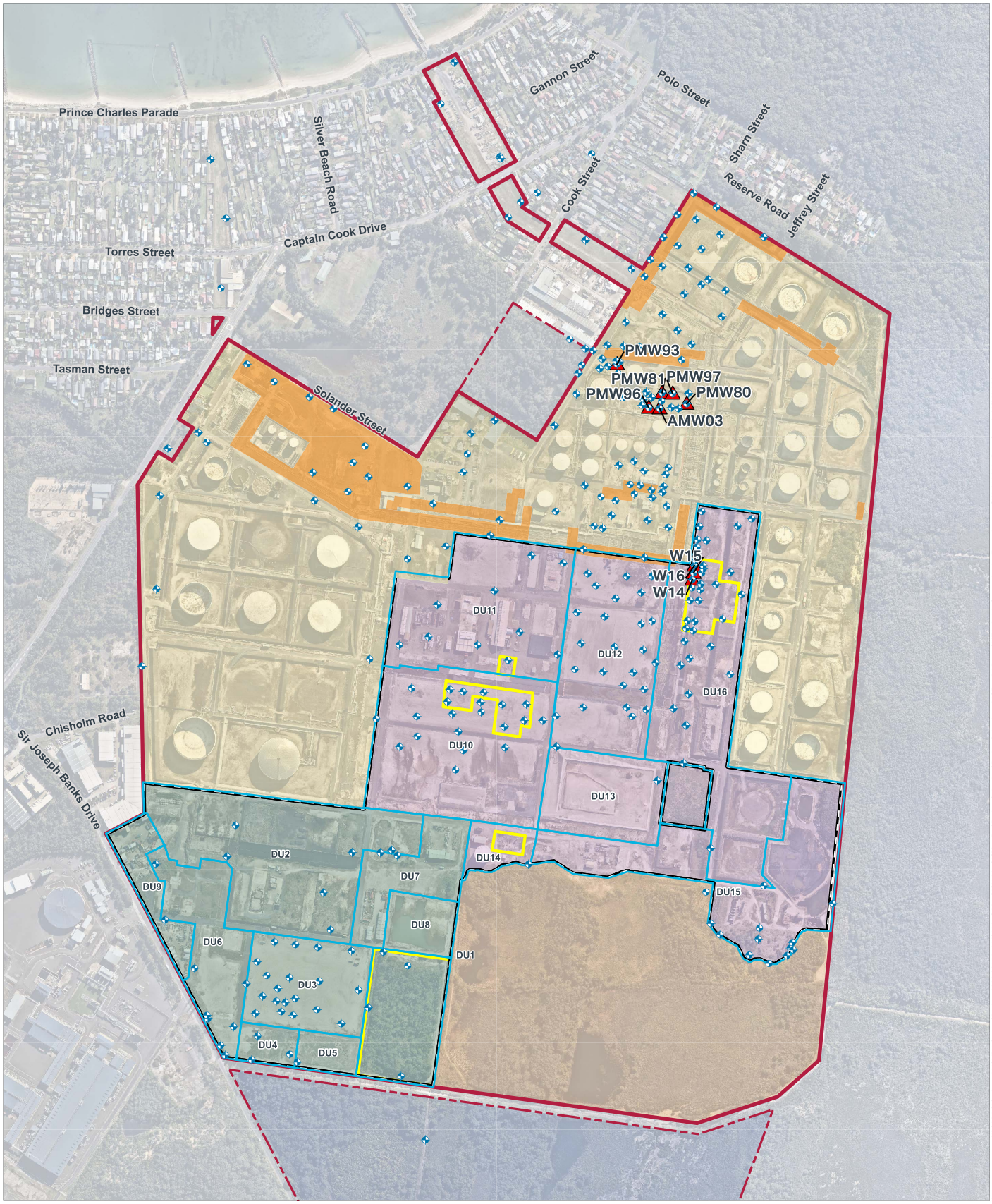

FIGURE 4B: 2024 QUARTERLY GROUNDWATER MONITORING LOCATIONS

Legend

- Site Boundary
- Ampol Ownership
- Audit Boundary
- Decision Units
- Source Area Excavation
- Firewater System Relocation and Removal Areas
- Zone 1
- Zone 2
- Zone 3
- Zone 4
- Zone 5
- Groundwater Monitoring Well - Quarterly Monitoring Scope

Groundwater Monitoring Well Exceedances

- LNAPL Detected - 2024 Monitoring Period

N

0 60 120 m

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AECOM

N

0 100 200 m

FIGURE F5: REMEDIAL EXCAVATION EXTENTS

Site Features

- Site Boundary
- Ampol Ownership
- Project Area
- Audit Boundary
- Zone 1
- Zone 1A
- Zone 2
- Zone 3
- Zone 4
- Zone 5

Project Areas

- ACS Containment Cell
- Source Area Excavation
- Asbestos Excavation
- Excavation Contingency
- Biopiling Area
- Biopiling Area (contingency)
- Waste Management Area
- Temporary Stockpiling Area

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Source: Nearmap Imagery 2024

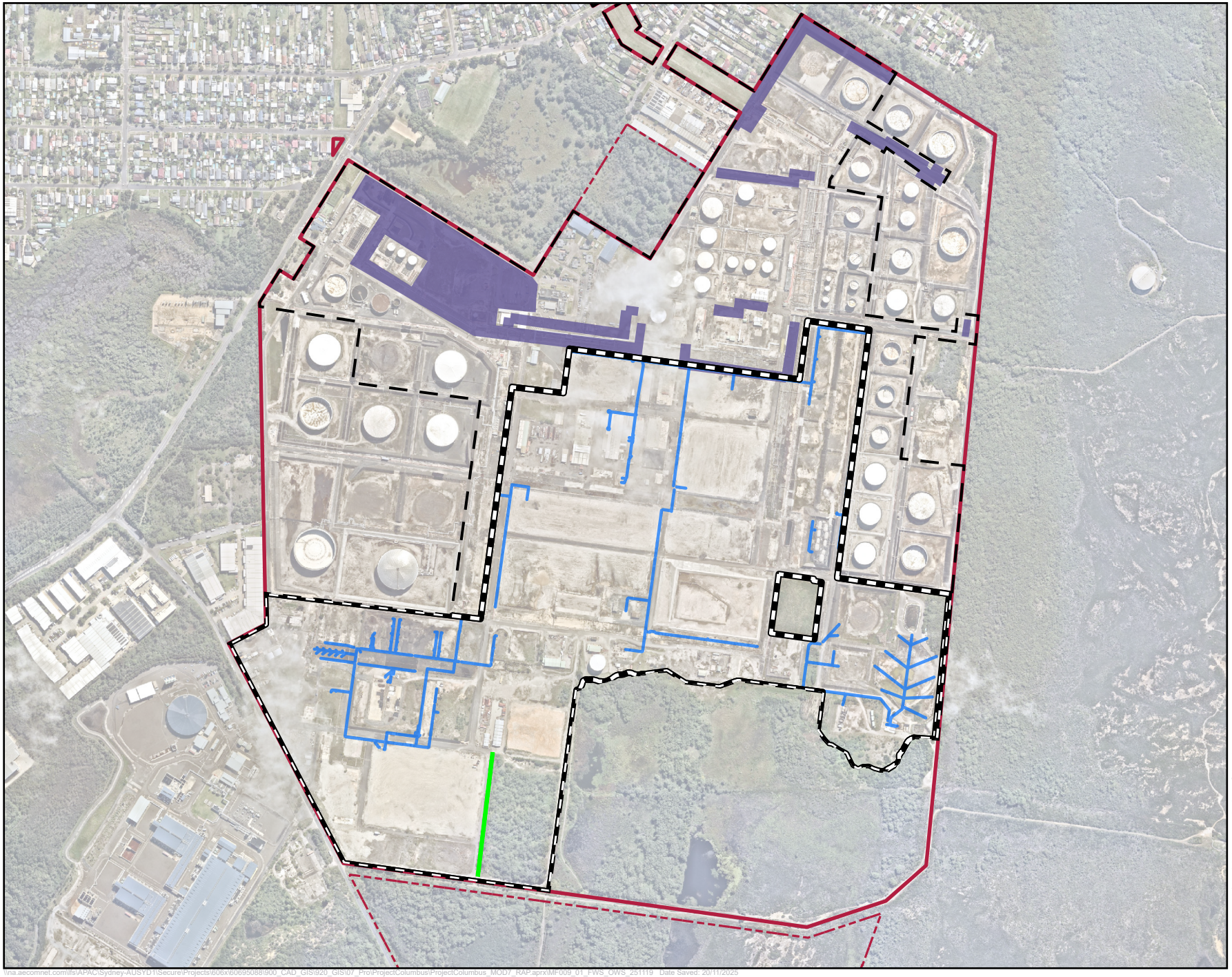

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FIGURE F6:
FIRE WATER SYSTEM AND OILY WATER SEWER

- Site Boundary
- Ampol Ownership
- Project Area
- Audit Boundary
- Firewater System Relocation Area and augmentation
- Oily Water System
- OSD

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Source: Nearmap Imagery 2024

Annexure B

Historic aerial figures

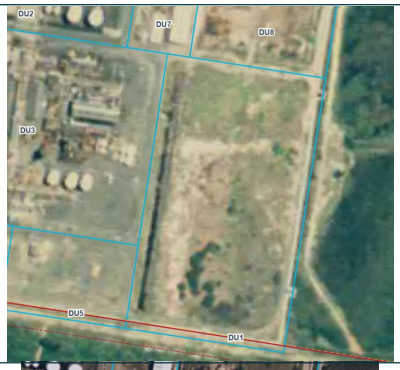
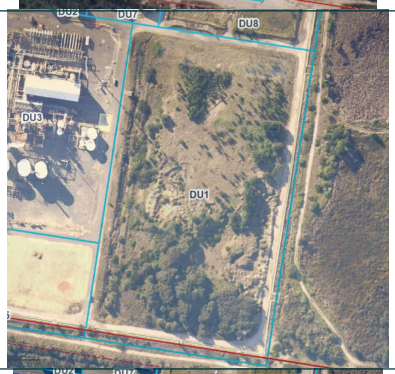
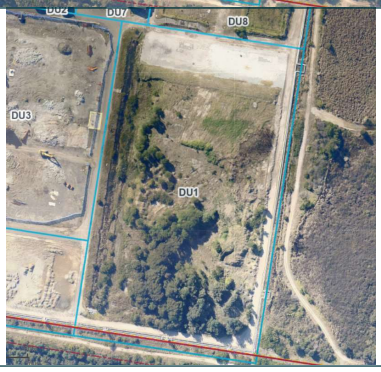
Annexure B1

DU1 Historical aerial review

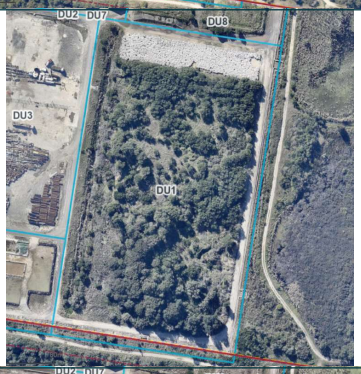
Annexure B1: DU1 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.023815, 151.212638	Land appears cleared or wetland. Disused. A sand track transects the northern portion .	
1972	Historical Imagery Spatial NSW	-34.023815, 151.212638	Much of the DU has been cleared or disturbed. Some vegetative cover remains. A track runs from the east to the west before diverting to the south. The track is connected to the original sand track forming the southern boundary. A stormwater culvert now runs north to south along the western boundary of the DU. A shed like structure is located on the north-western boundary. A boundary track has formed along the eastern and southern boundaries. An aboveground pipeline runs along the eastern face of the boundary track.	
1979	Historical Imagery Spatial NSW	-34.023815, 151.212638	No major changes to the DU. Vegetative cover has increased in some areas and decreased in others. The stormwater culvert appears to have widened.	
1984	Historical Imagery Spatial NSW	-34.023815, 151.212638	Vegetative cover has increased within the DU and now extends to the central portion.	

Annexure B1: DU1 Historical aerial review

1998	Historical Imagery Spatial NSW	-34.023815, 151.212638	Vegetative cover has decreased markedly across the DU.	
2005	Historical Imagery Spatial NSW	-34.023815, 151.212638	Extensive earthmoving appears to have taken place in the eastern portion of the DU. Machinery and stockpiles are visible in the vicinity. Two above ground tanks/structures are visible in south-eastern corner of the DU. A second straight pipeline has been added adjacent the original along the eastern DU boundary.	
Jun 15, 2010	Nearmap	-34.023815, 151.212638	Where present, vegetation is much denser. A large portion of the DU is still visibly disturbed. Surface elevation does not appear consistent, and mounds are present within the central and south-eastern portions.	
Jul 11, 2012	Nearmap	-34.023815, 151.212638	Vegetative cover in the northern portion of the DU has been largely removed. What appears to be roadbase has been installed along the northern boundary (~3,000 m2). The two above ground tanks/structures in south-eastern corner of the DU have been removed. Shed like structure in north-western part of the DU appears to have been removed/demolished.	

Annexure B1: DU1 Historical aerial review

Aug 3, 2013	Nearmap	-34.023815, 151.212638	Machinery and two shipping containers, along with a large collection of Bulka bags (used for storage of asbestos containing soils (ACS)), are placed along the southern part of the roadbased area.	
Jun 27, 2015	Nearmap	-34.023815, 151.212638	The northern roadbased area is almost entirely covered with Bulka bags (approximately 1,000). Vegetation has recovered throughout the rest of the DU.	
Jun 16, 2016	Nearmap	-34.023815, 151.212638	The majority of the Bulka bags have been removed and are now stored behind fencing along the eastern boundary in the northern portion. Ponding is evident at the northern boundary. Vegetation has increased further south of the roadbased area. The original pipeline on the eastern boundary has been removed.	
Jun 24, 2017	Nearmap	-34.023815, 151.212638	Additional Bulka bags are present on the northern portion. Increased vegetative cover across remainder of DU.	

Annexure B1: DU1 Historical aerial review

Jul 1, 2019	Nearmap	-34.023815, 151.212638	Bulka bags remain present. Drainage infrastructure has been installed in the south-western corner of the DU at the southern end of the stormwater culvert along the western boundary.	
Jun 17, 2021	Nearmap	-34.023815, 151.212638	No Bulka bags present. Fencing has been removed. Some material storage remains at the northern boundary cleared area.	
Jun 18, 2024	Nearmap	-34.023815, 151.212638	Vegetative cover has returned to the former cleared area in the northern portion.	
Apr 2, 2025	Nearmap	-34.023815, 151.212638	No major changes to the DU.	

Annnexure B2

DU2 Historical aerial review

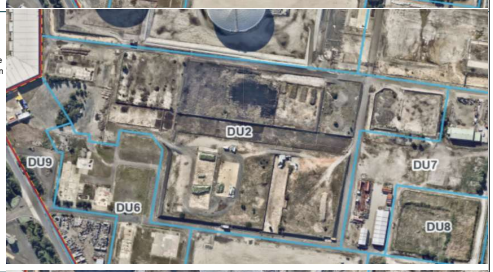
Annexure B2: DU2 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.021231, 151.210606	Cleared land or wetland. Numerous tracks traverse the DU. Sand dunes are evident in south-eastern and north-western portion of DU.	
1972	Historical Imagery Spatial NSW	-34.021231, 151.210606	Extensive tank infrastructure and associated bunds have been installed within the DU, particularly in the central portion. A tranker truck loading rack (TTLR) has been constructed on the western portion of the DU with connection to the pipeways to its east, and with vehicle access from Sir Joseph Banks Drive through what later becomes the western lease areas (DU9).	
1979	Historical Imagery Spatial NSW	-34.021231, 151.210606	Expansion of tank infrastructure to the west of the tankfarm has taken place. A building has been built at the western boundary of the DU.	
1984	Historical Imagery Spatial NSW	-34.021231, 151.210606	No significant changes within the DU noted. Roadways appear sealed. Pipelines are more evident in this aerial image.	
1998	Historical Imagery Spatial NSW	-34.021231, 151.210606	Building at the western boundary has been demolished. Otherwise, no significant changes within the DU noted.	
2005	Historical Imagery Spatial NSW	-34.021231, 151.210606	Footprint of former western building within the north-western corner of the DU hosts above ground storage tanks on concrete slab. Otherwise, no significant changes within the DU noted.	

Annexure B2: DU2 Historical aerial review

Jun 15, 2010	Nearmap	-34.021231, 151.210606	Vegetation has been removed from the north-western portion of the DU. Otherwise, no significant changes within the DU noted.	
Jul 11, 2012	Nearmap	-34.021231, 151.210606	No significant changes within the DU noted.	
Aug 3, 2013	Nearmap	-34.021231, 151.210606	Tanks within the north-eastern and south-eastern portions of the DU have been removed. The bund and concrete slab remains.	
Jun 27, 2015	Nearmap	-34.021231, 151.210606	All visible tank infrastructure has been removed from the DU, except the eastern tanks located across the road in the eastern bunded compound and tanks located in the north-western portion. Pipework has been removed from the pipeways. Black soils, present throughout much of the central northern bunded portion of the DU are landfarm soils from CLOR where were stored here during the broader demolition. The eastern half of this bund inundated with water. In the south-western bunded portion of the DU, mounds of material are visible. To the east of the two remaining north-eastern tanks, five geobags have been positioned. The TTLR and building nearby south have been removed.	
Jun 16, 2016	Nearmap	-34.021231, 151.210606	Black landfarming soils within the central northern bunded portion remains evident. The geobags in the north-eastern bunded portion have been removed and the surface has been scraped back. These soils have been transferred as stockpiles onto the landfarming soils in the central northern bunded area (black on dark brown). The central pipeway area is inundated with water (dark). In the southern portion of the DU, surface colour has lightened and is generally consistent across the southern portion. Mounds in the south-eastern bunded portion are no longer visible, and former tank footprints are less evident. A roadway and a concrete slab have been installed in the south-western bunded portion and the slab is being used as a biopiling area (Calsoil). Sheds and shipping containers are situated directly north of the slab.	
Jun 24, 2017	Nearmap	-34.021231, 151.210606	Black landfarm soils within the central northern bunded portion remains evident, and the geobag waste stockpiles have decrease or been spread into this surface. Water is again inundating the central pipeway. Stockpiles are now present within the south-eastern bunded portion, and an aboveground road connects this area to the south-western bunded portion. Tanks have been removed in the north-western portion of the DU. Geobags are now present again in the north-eastern bunded portion.	

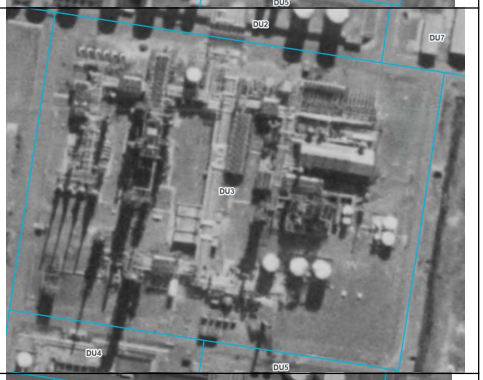
Annexure B2: DU2 Historical aerial review

Jul 1, 2019	Nearmap	-34.021231, 151.210606	Black landfarm soils within the central northern bunded portion remains evident. Central pipeway apears drier than usual. The two tanks within the north-eastern bunded portion have been removed, in addition to the geobags. Black staining is visible in the south-western corner of the north-eastern bunded portion, though some surface scraping appears to have occured. Vegetation now covers stockpiled materials in the south-eastern bunded portion. Stockpiles have been cleared from the south-western portion.	
Jun 17, 2021	Nearmap	-34.021231, 151.210606	Black staining within the central northern bunded portion remains evident, including across the central pipeway. Stockpiles are now present within the northern central bunded portion. A white material, possibly a collection of Bulka bags, covered in black geofab, is being stored in the southern pipeway, immediately south of the bridge noted in the eastern portion, just south of the former central pipeway.	
Jun 18, 2024	Nearmap	-34.021231, 151.210606	Black landfarmed soils within the central northern bunded portion have reduced markedly. It appears in this portion that stockpiles have been stored and subsequently removed, and water is pooling throughout. There is a stockpile with orange geofab stored on the concrete slab in the north-western portion of the DU. There is an increased number of stockpiles in the southern portion.	
Apr 2, 2025	Nearmap	-34.021231, 151.210606	Trenches have been excavated in the central northern bunded portion. Stockpile in the north-western portion has been removed. No other significant changes within the DU noted.	

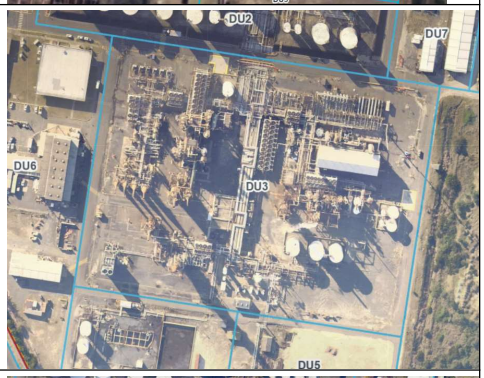
Annexure B3

DU3 Historical aerial review

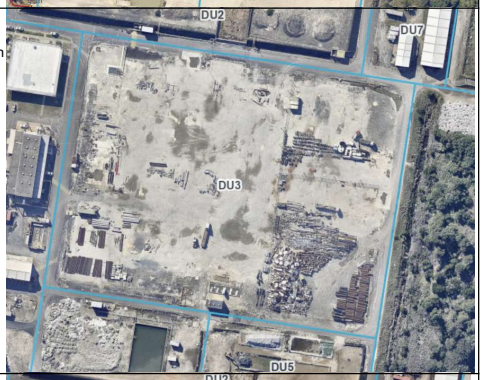
Annexure B3: DU3 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.023298, 151.210665	Cleared land or wetland. Numerous tracks traversing the DU. Sand dunes evident in the northern portion of the DU.	
1972	Historical Imagery Spatial NSW	-34.023298, 151.210665	Refinery infrastructure including tanks and pipework are evident in the DU. Groundcover and roads along boundary appears sealed.	
1979	Historical Imagery Spatial NSW	-34.023298, 151.210665	No significant changes within the DU noted.	
1984	Historical Imagery Spatial NSW	-34.023298, 151.210665	A new tank / structure is present in the southeast corner of the DU. No other significant changes noted.	

Annexure B3: DU3 Historical aerial review

1998	Historical Imagery Spatial NSW	-34.023298, 151.210665	The structure in the southeast corner is no longer present.	
2005	Historical Imagery Spatial NSW	-34.023298, 151.210665	No significant changes within the DU noted.	
Jun 15, 2010	Nearmap	-34.023298, 151.210665	Concrete pads constructed on the central north and central east boundaries.	
Jul 11, 2012	Nearmap	-34.023298, 151.210665	Most refinery infrasture within the DU has been removed. Several metal structures remain in the southern portion. There are numerous stockpiles throughout.	

Annexure B3: DU3 Historical aerial review

Aug 3, 2013	Nearmap	-34.023298, 151.210665	The ground surface across the DU visually appears consistent and is being used for storage. The nature of the materials stored is not clear. A pump pit has been installed in the north-western corner of the DU, to facilitate transfer of oily water from Zone 3 to the Sites primary WWTP in Zone 1, following the decommissioning of the Zone 3 WWTP (DU4).	
Jun 27, 2015	Nearmap	-34.023298, 151.210665	The DU is being used to store a large quantity of scrap metal materials from the refinery decommissioning in the eastern and south-western portion. Fencing has been installed in the eastern portion.	
Jun 16, 2016	Nearmap	-34.023298, 151.210665	The DU contains a large quantity of metal materials, primarily suspected to be scrap metals. Eight stockpiles situated in the north-western portion of the DU appear to contain shredded metal materials. Materials stored in the north-eastern and south-eastern corners appear to include small white tanks/drums.	
Jun 24, 2017	Nearmap	-34.023298, 151.210665	Stockpiles within the DU have grown in size. The northern portion of the DU hosts four large stockpiles of suspected metal material. Four smaller stockpiles containing more varied materials are located in the south-eastern portion of the DU.	

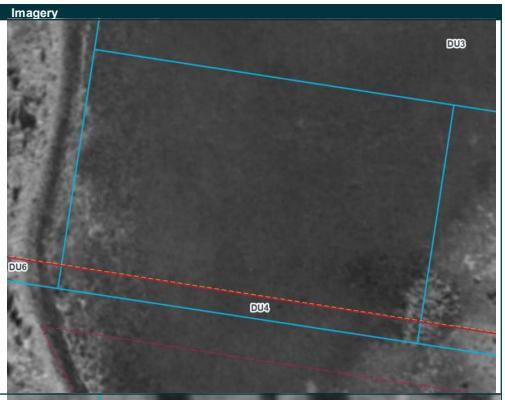
Annexure B3: DU3 Historical aerial review

Jul 1, 2019	Nearmap	-34.023298, 151.210665	The DU is clear of all stockpiles and metal materials. The ground surface has been regraded, and capped with crushed concrete, visually appears consistent in colour. Groundwater monitoring wells (small black dots), present throughout the area. Shed at the southern boundary has been removed.	
Jun 17, 2021	Nearmap	-34.023298, 151.210665	An excavation has taken place in the south-western portion of the DU which has flooded. The excavated material is stored directly adjacent to the excavation to the south. The area has been enclosed by fencing. Vehicles are present to the east of the fencing. Machinery and/or equipment is present in the north-eastern corner of the DU.	
Jun 18, 2024	Nearmap	-34.023298, 151.210665	The excavation previously observed in the south-western portion of the DU has been filled. Increased density of machinery and equipment are present in the north-eastern portion. One stockpile (VENM) is present in the south-eastern portion.	
Apr 2, 2025	Nearmap	-34.023298, 151.210665	With the exception of one additional stockpile (VENM / sandstone) to the north of the existing stockpile, no significant changes within the DU were noted.	

Annexure B4

DU4 Historical aerial review

Annexure B4: DU4 Historical Aerial Review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.024299, 151.209779	The DU appears to comprise wetland.	
1972	Historical Imagery Spatial NSW	-34.024299, 151.209779	A wastewater treatment plant is present. Two tanks are situated in the western portion of the DU. Pipeline infrastructure is evident along the northern boundary. Some small structures are present on the eastern boundary of the DU.	
1979	Historical Imagery Spatial NSW	-34.024299, 151.209779	There appears to be some disturbance to the ground around the aeration basins. Some additional structures or materials are now present on the eastern boundary.	
1984	Historical Imagery Spatial NSW	-34.024299, 151.209779	No significant changes within the DU were noted with the exception of material storage on the eastern boundary.	

Annexure B4: DU4 Historical Aerial Review

Year	Source	Coordinates	Comments	Imagery
1998	Historical Imagery Spatial NSW	-34.024299, 151.209779	Potential changes within the DU cannot be ascertained due to poor resolution of the image.	
2005	Historical Imagery Spatial NSW	-34.024299, 151.209779	An additional white structure is present, south of the aeration basins. No other significant changes within the DU were noted.	
Jun 15, 2010	Nearmap	-34.024299, 151.209779	The retention basin has been removed and rebuilt. An additional structure, possibly a shipping container, is situated immediately east of the retention basin. Bunds are clearly evident in this image around the two tanks in the western portion of the DU.	
Jul 11, 2012	Nearmap	-34.024299, 151.209779	The suspected shipping container has been removed from the DU. No other significant changes within the DU were noted.	

Annexure B4: DU4 Historical Aerial Review

Year	Source	Coordinates	Comments	Imagery
Aug 3, 2013	Nearmap	-34.024299, 151.209779	Tanks, aerations basins and associated infrastructure have been removed. The retention basin remains. Some metal materials are stored within the western portion of the DU.	
Jun 27, 2015	Nearmap	-34.024299, 151.209779	Two white rectangular structures are present along the eastern side of the retention basin, suspected to be demountables. The western portion of the DU stores what appears to be rubble.	
Jun 16, 2016	Nearmap	-34.024299, 151.209779	The suspected demountables have been removed from the DU. The stockpile of rubble has grown in size. The retention basin appears to have drained by approximately a third.	
Jun 24, 2017	Nearmap	-34.024299, 151.209779	The retention basin appears to have drained entirely. The ground surface of the eastern portion has been significantly disturbed. Dark VENM stockpiles are present on the eastern portion of the site.	

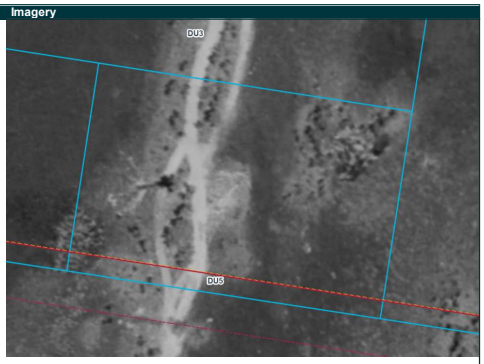
Annexure B4: DU4 Historical Aerial Review

Year	Source	Coordinates	Comments	Imagery
Jul 1, 2019	Nearmap	-34.024299, 151.209779	The majority of the rubble in the western portion of the DU has been removed. Several stockpiles of material, including one underlined with a white sheet, are present in the central northern portion. Excess soils in the eastern portion have been graded, and vegetation (sparse) is visible.	
Jun 17, 2021	Nearmap	-34.024299, 151.209779	The retention basin has been removed entirely; a visible footprint remains. A demountable office structure is present in the north-western corner. Stockpiles of concrete rubble from the removal of the retention basin are present in the south-western portion of the DU.	
Jun 18, 2024	Nearmap	-34.024299, 151.209779	All rubble has been removed from the DU. Only one structure remains in the north-western portion. Minor vegetative ground cover has extended westward from the eastern boundary of the DU. Most of the DU appears to be covered in gravel. Some vegetation has been cleared in the south-eastern corner of the DU.	
Apr 2, 2025	Nearmap	-34.024299, 151.209779	Vegetation has been cleared entirely along the southern boundary of the DU. No other significant changes within the DU were noted.	

Annexure B5

DU5 Historical aerial review

Annexure B5: DU5 Historical Aerial Review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.024477, 151.211094	Sand tracks traverse the DU, surrounded by some cleared land and wetland.	
1972	Historical Imagery Spatial NSW	-34.024477, 151.211094	A building is present in the north-western portion of the DU. One half of a building lies within the DU on the western boundary. The ground cover does not appear sealed. A road runs east to west along the southern boundary.	
1979	Historical Imagery Spatial NSW	-34.024477, 151.211094	An additional structure is present immediately south-west of the primary building within the DU. Materials of some form appear to be stockpiled south-east of the primary building.	
1984	Historical Imagery Spatial NSW	-34.024477, 151.211094	A pipeline has been installed in the western portion of the DU, running from the northern boundary to the southern boundary, and then joins a pipeline that runs eastward along the southern boundary of the DU.	

Annexure B5: DU5 Historical Aerial Review

1998	Historical Imagery Spatial NSW	-34.024477, 151.211094	It is not possible to determine if there have been any significant changes within the DU due to poor resolution of the image.	
2005	Historical Imagery Spatial NSW	-34.024477, 151.211094	There appears to be materials or equipment storage within the DU, specifically south of the primary building and in the eastern portion, but poor resolution prevents further assessment.	
Jun 15, 2010		-34.024477, 151.211094	Materials, suspected to be scrap metal, surround the primary building within the DU. Shipping containers are partially within the boundary of the DU in the south-western corner.	
Jul 11, 2012		-34.024477, 151.211094	The pipeline that traversed the DU and the primary building have been removed. The pipeline running along the southern boundary remains. The eastern portion of the DU contains small mounds of material. There is some water pooling along the eastern boundary. A fenceline running north of and parallel to the southern pipeline is evident.	

Annexure B5: DU5 Historical Aerial Review

Aug 3, 2013	-34.024477, 151.211094	All structures have been removed from the DU with the exception of the fenceline that clearly runs along the southern, eastern and northern boundaries of the DU. The ground surface is generally consistent in colour throughout the DU.	
Jun 27, 2015	-34.024477, 151.211094	The area has been utilised by the Calsoil biopiling trial. A bund has been installed along the north, east and southern boundaries. Four smaller bunded areas have been installed in the northern portion. Stockpile in the south-western smaller bunded area is covered with HDPE. The north-western smaller bunded area appears to be filled and the material is covered in a white geofabric. Two white tanks are situated along the southern boundary of the outer bund wall, within a smaller bunded area.	
Jun 16, 2016	-34.024477, 151.211094	Bunded tanks from the southern boundary have been removed from the DU. One small stockpile is located in the south-western portion of the DU.	
Jun 24, 2017	-34.024477, 151.211094	A grey/ black VENM material stockpile covers much of the DU, and appears to have been pushed into the DU from the west and is spread throughout by earth-moving vehicles.	

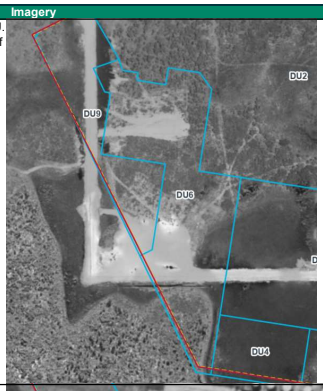
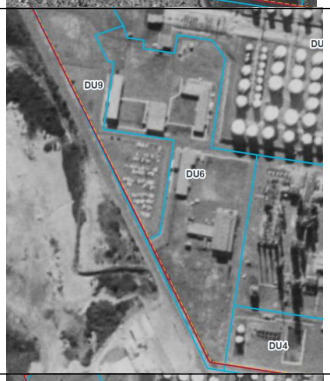
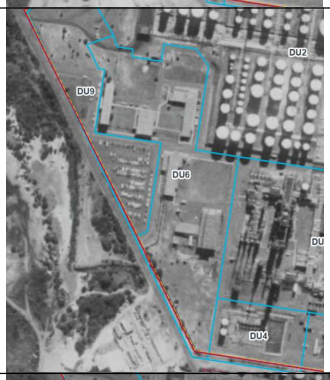
Annexure B5: DU5 Historical Aerial Review

Jul 1, 2019	-34.024477, 151.211094	The western portion of the DU has been cleared of material; however, black material stockpile remains in the eastern portion. An excavator is present on the eastern boundary and other earth-moving vehicles in the central portion of the DU.	
Jun 17, 2021	-34.024477, 151.211094	The DU has been cleared of the stockpiled material. A dark colouring remains on the surface, likely due to residual materials from the former stockpiles.	
Jun 18, 2024	-34.024477, 151.211094	Grass cover is now present throughout much of the DU. Approximately 15 small mounds are visible in the north-eastern portion. Vegetation has been cleared on the southern boundary.	
Apr 2, 2025	-34.024477, 151.211094	The mounds are still visible in the north-eastern portion of the DU. The southern boundary of the DU is completely clear of vegetation. No other significant changes within the DU noted.	

Annexure B6

DU6 Historical aerial review

Annexure B6: DU6 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.023066, 151.208952	Cleared land or wetland. Numerous tracks traversing the DU. Sand dunes evident in the northern and southern portions of the DU.	
1972	Historical Imagery Spatial NSW	-34.023066, 151.208952	Buildings situated within the northern and central southern potions of the DU.	
1979	Historical Imagery Spatial NSW	-34.023066, 151.208952	No significant changes within the DU noted.	
1984	Historical Imagery Spatial NSW	-34.023066, 151.208952	No significant changes within the DU noted.	

Annexure B6: DU6 Historical aerial review

1998	Historical Imagery Spatial NSW	-34.023066, 151.208952	Three additional buildings constructed within the DU: one in northern portion, one in the central southern portion, and one in the southern portion.	
2005	Historical Imagery Spatial NSW	-34.023066, 151.208952	Some areas in vicinity of buildings appear sealed for parking, and a new building is present in the north east.	
Jun 15, 2010		-34.023066, 151.208952	L-shaped building removed from the northeastern portion, its former footprint has been grassed. Building in the north east has been extended.	
Jul 11, 2012		-34.023066, 151.208952	No significant changes within the DU noted.	

Annexure B6: DU6 Historical aerial review

Aug 3, 2013	-34.023066, 151.208952	Presence of two shipping container like structures are evident within the northern grassed area. Metal structures are stored in the southern tip of the DU.	
Jun 27, 2015	-34.023066, 151.208952	The building situated within the north-eastern portion of the DU has been demolished. There has been some earthworks in the northwestern corner. The metal structures in the southern tip of the DU have been removed.	
Jun 16, 2016	-34.023066, 151.208952	Rubble has been stockpiled in the southern tip of the DU.	
Jun 24, 2017	-34.023066, 151.208952	Two buildings in the southern portion of the DU, and one in the central portion of the DU have been demolished. Scrap metal and small mounds of material are stockpiled in the central southern portion of the DU.	

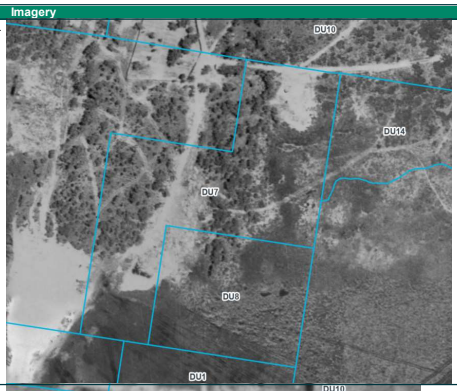
Annexure B6: DU6 Historical aerial review

Jul 1, 2019	-34.023066, 151.208952	All buildings within the DU have been demolished. A suspected skip-bin is located in the southern portion of the CU and appears to contain material covered by black geofabric. Material is stockpiled on a concrete slab including one large stockpile of a gravel-like material and one small stockpile of a bulkier gravel material, immediately north of the suspected skip bin. A temporary fence covered in orange geofabric has been installed within the central southern portion of the DU, within which is a stockpile covered in black geofabric. Grass is visible to the surface in the northern portion. Two suspected skip-bins are situated within the vicinity of the stockpile in the northern portion.	
Jun 17, 2021	-34.023066, 151.208952	Rubble has been stockpiled in the southern tip of the DU. Fencing, skip bins and stockpiles have been removed. There are a number of vehicles and structure on a hard surface in the southern portion. No other significant changes within the DU noted.	
Jun 18, 2024	-34.023066, 151.208952	Rubble within the southern tip of the DU has been removed. No other significant changes within the DU noted.	
Apr 2, 2025	-34.023066, 151.208952	A stockpile covered in black geofabric is situated on a concrete slab within the northern portion of the DU. No other significant changes noted.	

Annexure B7

DU7 Historical aerial review

Annexure B7: DU7 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.021575, 151.212894	The DU comprises sand dunes, tracks and vegetative cover.	
1972	Historical Imagery Spatial NSW	-34.021575, 151.212894	Two buildings are situated within the southern portion of the DU. Ground cover disturbance is evident across rest of the DU. A pipeline runs along the eastern boundary of the north-eastern portion.	
1979	Historical Imagery Spatial NSW	-34.021575, 151.212894	A number of structures are evident in the northern portion. It is difficult to identify their purpose. No other significant changes within the DU noted.	
1984	Historical Imagery Spatial NSW	-34.021575, 151.212894	A shed like structure is present on the western boundary. No other significant changes within the DU noted.	

Annexure B7: DU7 Historical aerial review

1998	Historical Imagery Spatial NSW	-34.021575, 151.212894	Poor resolution of the image limits assessment; however, it appears an additional roadway connects the buildings situated within the south-western portion of the DU to the eastern road.	
2005	Historical Imagery Spatial NSW	-34.021575, 151.212894	Buildings have been constructed in the north-eastern portion of the DU. The DU appears mostly used for storage of building materials and includes several red shipping containers in the central and southern portion of the DUs.	
Jun 15, 2010		-34.021575, 151.212894	The buildings/structures (suspected to be sheds) have been removed from the central eastern portion of the DU. There appears to be more building materials stored across the DU. A defined fenced area has been installed within the central portion as a storage yard.	
Jul 11, 2012		-34.021575, 151.212894	No significant changes within the DU noted. Changes only relate to variation of materials stored across the DU.	

Annexure B7: DU7 Historical aerial review

Aug 3, 2013	-34.021575, 151.212894	No significant changes within the DU noted. Changes only relate to variation of materials stored across the DU.	
Jun 27, 2015	-34.021575, 151.212894	No significant changes within the DU noted. Changes only relate to variation of materials stored across the DU.	
Jun 16, 2016	-34.021575, 151.212894	The southern portion of the DU has been blocked off to the north with shipping containers; access is available via roadway from the west. The central western portion has been cleared and a roadbase installed. The fenced storage yard situated in the central portion of the DU now appears to contain rubble. One of the aboveground pipelines on the eastern boundary has been removed.	
Jun 24, 2017	-34.021575, 151.212894	The central western portion contains what appears to be metal waste. Several small stockpiles of what appears to be a gravel or sand material are located in the central eastern portion of the DU.	

Annexure B7: DU7 Historical aerial review

Jul 1, 2019	-34.021575, 151.212894	Metal waste and rubble have been removed. Shipping containers and the fencing within the central portion of the DU have been removed. The stockpiles within the central eastern portion have been consolidated into one stockpile. At two locations within the central portion of the DU, black geofabric is visible - stockpiles are suspected due to visible weights used to hold the geofabric in place. Seven skip bins are present within the central portion of the DU.	
Jun 17, 2021	-34.021575, 151.212894	Stockpiles and skip bins have been removed from the central portion of the DU.	
Jun 18, 2024	-34.021575, 151.212894	No significant changes within the DU noted.	
Apr 2, 2025	-34.021575, 151.212894	No significant changes within the DU noted.	

Annexure B8

DU8 Historical aerial review

Annexure B8: DU8 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.022348, 151.213056	The DU comprises a sand dune and light vegetative cover in the north-western portion, and grass or wetland in the southern and eastern portions.	
1972	Historical Imagery Spatial NSW	-34.022348, 151.213056	The DU appears generally disused. A pipe runs along the eastern boundary.	
1979	Historical Imagery Spatial NSW	-34.022348, 151.213056	A circular track within the DU in the western portion is visible. Other tracks are also visible.	
1984	Historical Imagery Spatial NSW	-34.022348, 151.213056	No significant changes within the DU noted.	

Annexure B8: DU8 Historical aerial review

1990	Historical Imagery Spatial NSW	-34.022348, 151.213056	clearer visability of the inner and outer landfarm bunded areas.	
1998	Historical Imagery Spatial NSW	-34.022348, 151.213056	Poor resolution prevents assessment. A black area is visible in the north-western corner of the DU. Truckwash footprint visible in south west landfarm boundary.	
2002	Historical Imagery Spatial NSW	-34.022348, 151.213056	Last aerial that shows the surface of the landfarm as turned soil.	
2005	Historical Imagery Spatial NSW	-34.022348, 151.213056	The circular tracks are no longer visible. The northern portion of the DU appears to be used for storage along the northern and western boundary's. An area in the central southern potion is cleared of vegetation with an access track to the south. In the south west there is a bunded truckwash.	

Annexure B8: DU8 Historical aerial review

Jun 15, 2010	-34.022348, 151.213056	The northern portion of the DU continues to be used for storage of materials. The truckwash and access track are more evident on the south.	
Jul 11, 2012	-34.022348, 151.213056	The inner bunded area has expanded north- and eastward. The western wall of the bund appears less prominent.	
Aug 3, 2013	-34.022348, 151.213056	The western bund wall appears to have eroded further. A metal skip like structure is in the southern portion. Ponding is evident at the south-eastern boundary.	
Jun 27, 2015	-34.022348, 151.213056	Materials stored within the northern portion of the DU have been removed. Suspected metal waste has been stockpiled in the north-eastern corner of the DU. Greater areas of ponding are evident along the southern boundary.	

Annexure B8: DU8 Historical aerial review

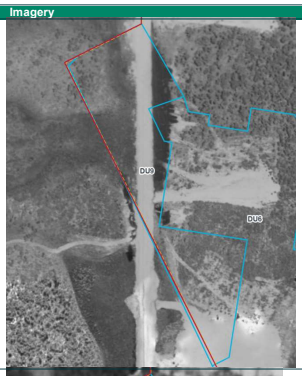
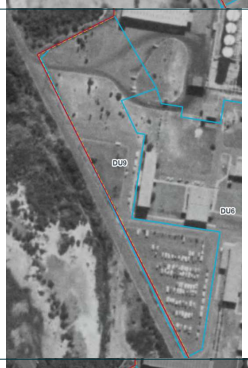
Jun 16, 2016	-34.022348, 151.213056	The eastern wall of the inner bunded area has been disturbed, with all grass cover removed and gravel-like material visible. Less vegetation is visible on the outer eastern wall of the DU.	
Jun 24, 2017	-34.022348, 151.213056	Grass cover has been restored across the DU. The suspected metal materials remain in the north-eastern corner of the DU.	
Jul 1, 2019	-34.022348, 151.213056	Grass cover has been lost across the entire DU including the inner and outer walls. A dark patch is located in the central southern portion, suspected to be moisture noting large water pooling along the southern perimeter of the DU. Metal materials have been removed from the north-eastern portion. A suspected drum and vehicles are situated on the central western boundary.	
Jun 17, 2021	-34.022348, 151.213056	Grass cover has returned across the DU including the bund walls. The suspected drum on the central western boundary remains.	

Annexure B8: DU8 Historical aerial review

Jun 18, 2024	-34.022348, 151.213056	The DU has been levelled and all grass cover has been lost. Only one tree remains on the southern boundary. The ground surface of the DU is visually highly inconsistent, with areas of suspected saturation.	
Apr 2, 2025	-34.022348, 151.213056	The ground surface within the DU is visually more consistent. Patches suspected to be associated with saturation have receded in some locations.	

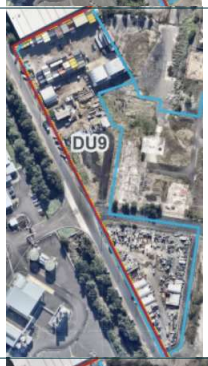
Annexure B9

DU9 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	-34.021631, 151.207483	The DU comprises a sand dune and light vegetative cover in the southern portion, and a large sand track and light vegetative cover in the northern portion.	
1972	Historical Imagery Spatial NSW	-34.021631, 151.207483	Land has been cleared and the sand track is no longer evident. The southern portion of the DU is being used as a car park. Tracks are evident in the northern portion.	
1979	Historical Imagery Spatial NSW	-34.021631, 151.207483	Additional trees are present in the northern portion. Otherwise, no significant changes within the DU noted.	
1984	Historical Imagery Spatial NSW	-34.021631, 151.207483	No significant changes within the DU noted.	

1998	Historical Imagery Spatial NSW	-34.021631, 151.207483	There is a shed-like structure in the central portion and a part of the northern portion and southern portions have been sealed.	
2005	Historical Imagery Spatial NSW	-34.021631, 151.207483	No significant changes within the DU noted, with the exception that the shed-like structure has been removed and vegetation cover in the central portion has increased.	
Jun 15, 2010		-34.021631, 151.207483	No significant changes within the DU noted.	
Jul 11, 2012		-34.021631, 151.207483	No significant changes within the DU noted.	

Aug 3, 2013	-34.021631, 151.207483	Materials have been stored in the northern portion of the DU. It is difficult to ascertain from the imagery what the materials comprise.	
Jun 27, 2015	-34.021631, 151.207483	The number of stockpile of unknown materials in the northern portion of the DU has increased.	
Jun 16, 2016	-34.021631, 151.207483	The stockpile of unknown materials in the northern portion of the DU has reduced in size. Most vegetation within the northern and central portions have been removed.	
Jun 24, 2017	-34.021631, 151.207483	Large pipes are stored within the car park in the southern portion of the DU. Unknown materials stockpiled within the northern portion remain. An unidentified structure is present within the central car park of the DU.	

Jul 1, 2019	-34.021631, 151.207483	Materials stockpiled in the northern and southern portions of the DU have been removed, and the unidentified structure in the central cark park of the DU has been removed.	
Jun 17, 2021	-34.021631, 151.207483	A section within the northern portion of the DU has been fenced off with a separate entrance to the roadway to the west. Shipping containers are stored in the fenced off area. Metal type materials are stored across the carpark area within the southern portion of the DU.	
Jun 18, 2024	-34.021631, 151.207483	The fenced area in the northern portion has expanded, encompassing the entire northern portion of the DU and part of the central portion and used for storage of metal type containers.	
Apr 2, 2025	-34.021631, 151.207483	The storage area in the northern portion of the DU has extended into the central portion, with storage of different types of material.	

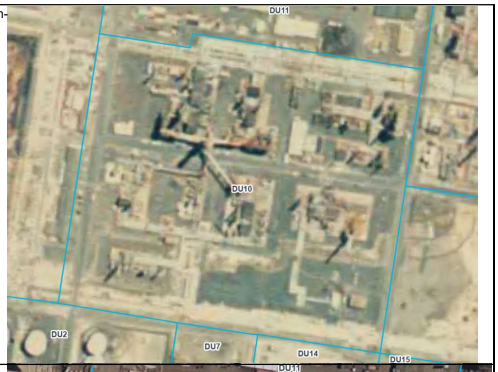
Annexure B10

DU10 Historical aerial review

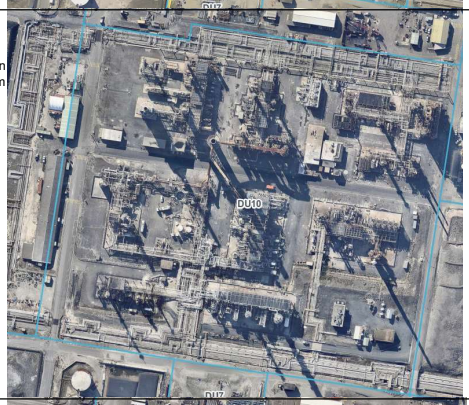
Annexure B10: DU10 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW		The northern portion of the DU contains approximately 20 rows of stockpiled materials suspected to be building materials. In the central portion of the DU, several small structures are visible, resembling shipping containers. In the central and eastern portions of the DU, four buildings are visible. The southern portion of the DU includes part of a bunded area in the south-western corner and vegetation throughout much of the remainder of the southern portion.	
1972	Historical Imagery Spatial NSW		Vegetation has been mostly cleared from within the DU. A roadway transects the DU from east to west. The southern portion appears generally disturbed, with the exception of a vegetated area in the south-western portion. A structure now stands in the central northern portion, and infrastructure is present in the north-eastern portion of the DU. Several small structures, possibly sheds, are visible in the western portion of the DU. Pipelines are visible along the northern and southern boundaries. Two large buildings are visible along the western boundary.	
1979	Historical Imagery Spatial NSW		Refinery infrastructure is now present throughout the DU, including tall structures and buildings, with exception of south eastern portion, where a sub-station is present. The ground cover appears mostly sealed beneath the refinery infrastructure. Pipeline infrastructure along the northern (pipeway B) and southern perimeters (pipe track C) appears to have developed, particularly along the northern boundary. Road along the western boundary appears sealed.	
1984	Historical Imagery Spatial NSW		No significant changes within the DU noted, except that the road along the eastern boundary appears sealed.	

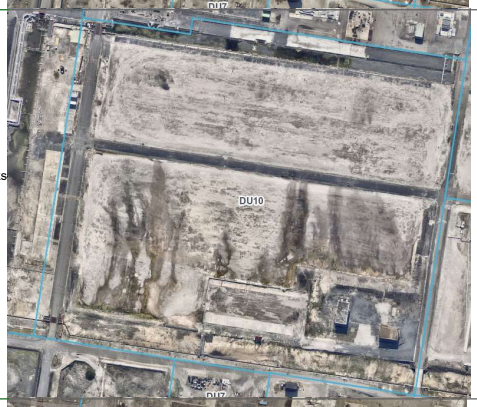
Annexure B10: DU10 Historical aerial review

1998	Historical Imagery Spatial NSW	A suspected small building in now visible in the north-western portion of the DU. There is an increased volume of material storage adjacent to buildings on the western boundary.	
2005	Historical Imagery Spatial NSW	Increased activity across the DU appears to be construction of new refinery infrastructure. A new building is visible in the north-western portion. New sub-station E is now present in south eastern portion. The Bensat plant is under construction in southern portion of the DU.	
15-Jun-10	NearMap	No significant changes within the DU noted, with the exception that construction equipment has been removed and the Bensat plant has been completed.	
11-Jul-12	NearMap	No significant changes within the DU noted.	

Annexure B10: DU10 Historical aerial review

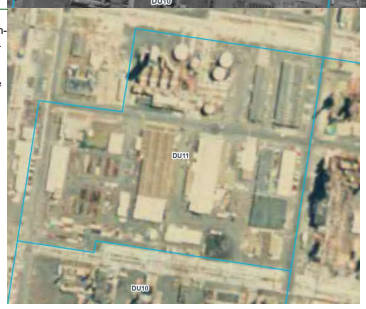
3-Aug-13	NearMap	Infrastructure appears unchanged except for the addition of a large yellow item (appears metallic) in the central southern portion of the DU. In the central point of the DU, there are several red containers. A collection of crates containing unknown materials is located partially within the south-western portion of the DU on the western side of the road.	
27-Jun-15	NearMap	Infrastructure remains unchanged except the apparent removal of the yellow item identified in 2013 image. Only one red container in the central point of the DU remains. Crates in the south-western portion have been completely moved westward from DU10.	
16-Jun-16	NearMap	Infrastructure remains unchanged. The majority of infrastructure is now enclosed within fencing.	
24-Jun-17	NearMap	All process infrastructure in the DU and pipeline in the southern portion has been removed. Several buildings and stack remain in the northern portion, and in the south east sub-station E is still present. Concrete underlying former infrastructure has also been removed. Stockpiles of what appear to be a gravel-like material or concrete rubble are present in the north-western, north-eastern and south-western portions of the DU. Several smaller stockpiles of a brown gravel-like material are present within the northern portion of the DU. Of these, three are contained with what appear to be booms. In the north-eastern portion of the DU, a small section has been fenced, containing what appears to be a pipe; the area can be accessed from the eastern road. Water has pooled in the central southern portion of the DU in an area of earthworks (noting tire tracks, mounds and the presence of an excavator).	

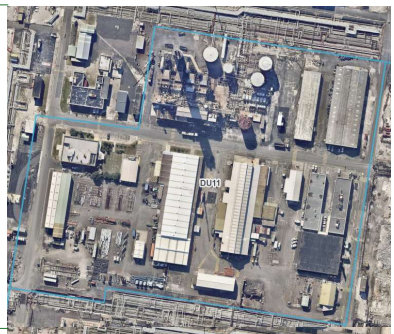
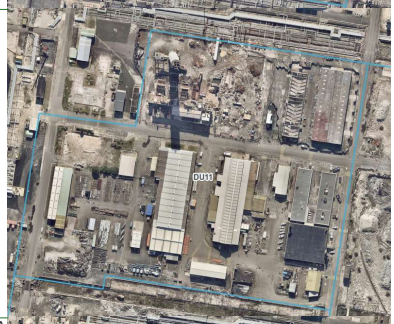
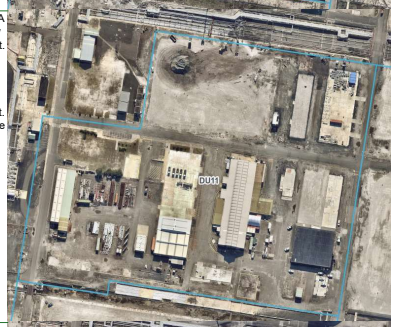
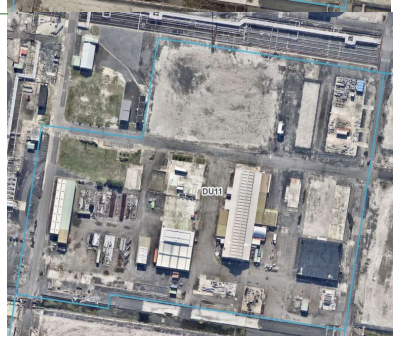
Annexure B10: DU10 Historical aerial review

1-Jul-19	NearMap	The stack has been removed, while the south-eastern buildings (including sub-station E) and adjacent concrete slab remain. The ground surface throughout the DU appears to have been regraded. None of the previous stockpiles remain. Two new stockpiles exist in the north-western corner of the DU and comprise dark gravel material. Earthmoving equipment is evident adjacent to the largest stockpile. It appears that sediment is been washed from the western area of the central track towards the southern portion of the DU. Earthworks appear to have taken place in the former pipeway along the southern portion.	
17-Jun-21	NearMap	The stockpile in the north-eastern portion of the DU has been removed. The central track appears to have been capped with mostly dark grey material. No other significant changes within the DU were noted.	
18-Jun-24	NearMap	Visible water flow across the DU is much more pronounced. What is suspected to be a series of gabion baskets, black in colour, have been placed across the junction of the southern pipeway and the broader area of the DU in the south-western portion of the DU. Additional gabion baskets have been installed within the pipeway immediately east of the junction. Additional loose stones are present in the immediate vicinity within the pipeway. Moisture within the pipeway is generally more apparent; however, vegetation has decreased. Asbestos works related equipment is visible along the northern edge of the southern pipe track including IBCs, fencing, rope and a dedicated decontamination area surrounded in orange geofabric.	
2-Apr-25	NearMap	No significant changes within the DU noted.	

Annexure B11

DU11 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW		Several buildings are present within the DU, with a section of refinery infrastructure located within the northern portion. The ground cover within the DU appears sealed. Materials appear to be stockpiled in the south-western portion of the DU, suspected to be pipes.	
1972	Historical Imagery Spatial NSW		Buildings previously in the north-eastern portion of the DU have been replaced by larger buildings. The central building has been extended to the south and the building to the east has been extended to the east. The building on the western boundary has been extended to the south-east. A building previously located along the southern boundary of the DU has been demolished.	
1979	Historical Imagery Spatial NSW		No significant changes within the DU noted, with exception of density of pipework along southern boundary.	
1984	Historical Imagery Spatial NSW		An additional building has been constructed along the western boundary of the DU. In the south-eastern portion of the DU, adjacent to the southern pipeway the hydroblast bay has been constructed.	
1998	Historical Imagery Spatial NSW		Buildings in the western portion have been demolished, with two additional buildings constructed, one west and one south-west of the former building located on the western boundary. There is a new building on the central southern boundary. The building in the south-eastern portion has been demolished and a new building constructed and another one to the north. CCB building has been constructed on the eastern boundary.	

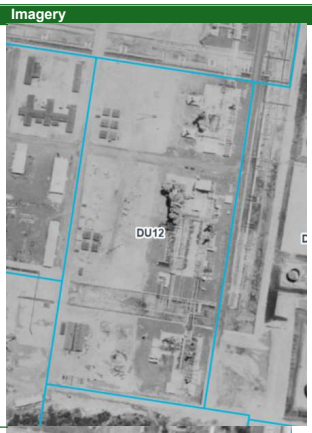
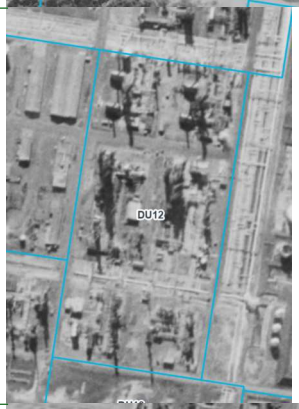
16-Jun-16	NearMap		All infrastructure remains within the DU. The crane previously immediately east of the hydroblast in the south-eastern portion has been removed.	
24-Jun-17	NearMap		Powerplant infrastructure has been partially removed in the northern portion of the DU. Several buildings have been demolished and are partially demolished within the same portion of the DU. Piping within pipeway B along the southern boundary has been removed.	
1-Jul-19	NearMap		All refinery infrastructure has been removed within the DU. A stockpile is situated within the footprint of the former refinery infrastructure, being used to cap pipeway A to the north-east. The hydroblast in the south-eastern portion of the DU have been dismantled, and footprint is visibly dry. Buildings in the north-eastern portion has been demolished, with concrete slab remaining with material stored atop. The building to its west has also been removed. Sub-station A remains present. Building along central eastern portion and in the centre of the DU have been demolished.	
17-Jun-21	NearMap		The stockpile in the northern portion of the DU has been removed and the pipeway A capping works have concluded. There is residual fill on the surface of the DU.	
18-Jun-24	NearMap		No significant changes within the DU noted.	

2-Apr-25	NearMap	No significant changes within the DU noted.	

Annexure B12

DU12 Historical aerial review

Annexure B12: DU12 Historical Aerial Review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	151.2075431°E 34.0216525°S	Building in the western-portion of the DU are present, and refinery infrastructure on the eastern portion. Pipeway B runs through the southern portion of the DU, and the main pipeway is visible to the east. Sub-station B is present in the north east portion.	
1972	Historical Imagery Spatial NSW		Refinery infrastructure is now present throughout the DU and greater density of pipework across the pipeway B.	
1979	Historical Imagery Spatial NSW		No significant changes within the DU noted.	

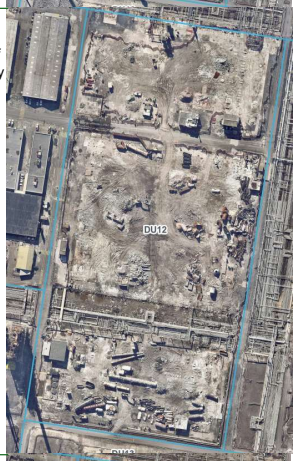
Annexure B12: DU12 Historical Aerial Review

1984	Historical Imagery Spatial NSW	No significant changes within the DU noted.	
1998	Historical Imagery Spatial NSW	No significant changes within the DU noted.	
2005	Historical Imagery Spatial NSW	Some infrastructure has been removed in the north-western portion of the DU.	

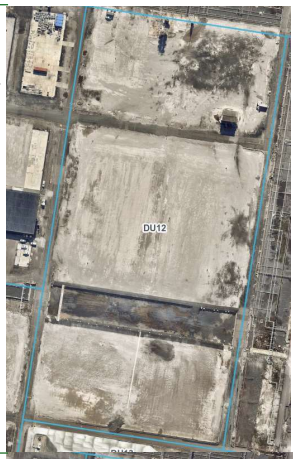
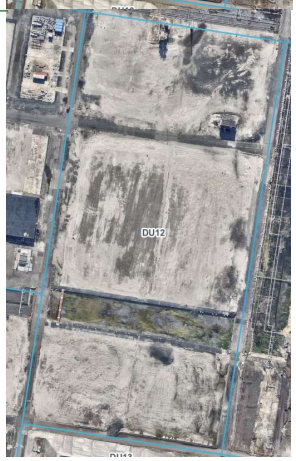
Annexure B12: DU12 Historical Aerial Review

15-Jun-10	NearMap		No significant changes within the DU noted.	
11-Jul-12	NearMap		No significant changes within the DU noted, except for an additional structure in the northern portion covered with green fabric.	
3-Aug-13	NearMap		No significant changes within the DU noted, except for removal of some structures in north-western portion.	

Annexure B12: DU12 Historical Aerial Review

27-Jun-15	NearMap		No significant changes within the DU noted.	
16-Jun-16	NearMap		All refinery infrastructure has been removed, though sub-station B remains present. The northern and central portions have been fenced off independently; the southern portion is separated by the existing pipeline, with some of the pipes in this area removed. Throughout the DU, there are stockpiles of rubble including metal scrap. Metal scrap is concentrated in the central portion to the east. Much of the suspected waste in the southern portion comprises pipes.	
24-Jun-17	NearMap		The piping from pipeway B in the southern portion of the DU has been removed. Scrap metals and pipes have been largely removed from the DU. Several stockpiles of a gravel-like material (crushed concrete) are present throughout the DU. No additional buildings have been removed.	

Annexure B12: DU12 Historical Aerial Review

1-Jul-19	NearMap		All stockpiles within the DU have been removed and the area appears to have been regraded. Pipeway B appears inundated with water. Black material from residual material from these stockpiles are apparent in the north-eastern corner of the DU, as well as in the southern portion of the DU, and appear to be dark grey/black gravels of former stockpiles. No additional buildings have been removed.	
17-Jun-21	NearMap		No significant changes within the DU noted.	
18-Jun-24	NearMap		No significant changes within the DU noted.	

Annexure B12: DU12 Historical Aerial Review

2-Apr-25	NearMap	No significant changes within the DU noted.	

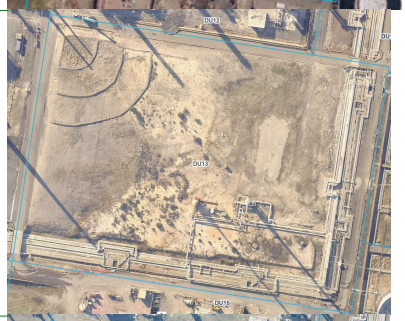
Annexure B13

DU13 Historical aerial review

Annexure B13: DU13 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	151.2075431°E 34.0216525°S	The DU is primarily covered in vegetation, with sand tracks running throughout and mostly to the central and western portion.	
1972	Historical Imagery Spatial NSW		The DU has been partially cleared and appears sandy. A pipeline runs along the eastern and southern boundaries, and a pipeline branch extends from the southern portion of the eastern piping west halfway through the DU. Two shadows representing the refinery flares are present at the end of this branch, within the DU's south east portion.	
1979	Historical Imagery Spatial NSW		Additional pipework is present along the southern boundary of the DU, and it appears pipe track C (east west alignment) and pipe track 1 (north south alignment) have been constructed.	
1984	Historical Imagery Spatial NSW		No significant changes within the DU noted.	
1998	Historical Imagery Spatial NSW		Suspected earthen bunding, arranged in a series of three curved rows, is present in the north-western portion of the DU. Smaller structures are evident in the southern portion. Additional vegetation clearing is evident within the DU.	

Annexure B13: DU13 Historical aerial review

2005	Historical Imagery Spatial NSW		It appears that additional infrastructure (associated with flare) may have been installed in the southern portion of the DU, with some earthworks evident to the north. Dark areas are now more visible in the western and northern portions of the DU.	
15-Jun-10	NearMap		No significant changes within the DU noted, with the exception of vegetation growth in central portion.	
11-Jul-12	NearMap		Noting the loss of one extended shadow in the south-eastern portion of the DU, it appears that one flare stack has been removed from the south-eastern portion.	
3-Aug-13	NearMap		No significant changes within the DU noted. Suspected dark coloured material is particularly visible in the western portion of the DU, and likely to be gravels across this part of the DU.	
27-Jun-15	NearMap		Dark areas again are prominent in the north east and west. There is additional black staining located in the south-eastern portion of the DU.	

Annexure B13: DU13 Historical aerial review

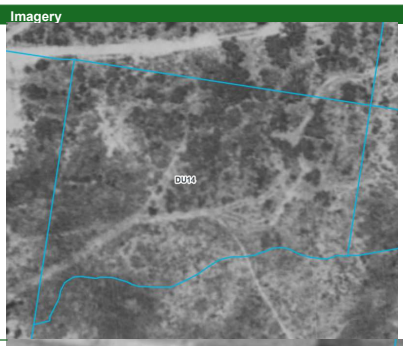
16-Jun-16	NearMap		There are several unidentified objects on the ground surface within the eastern portion of the DU. There appears to be earthworks in the central portion of the DU. What appears to be a fence runs north-east to the south-west within the central portion of the DU.	
24-Jun-17	NearMap		All infrastructure has been removed, including the pipelines in the pipe track C and pipe track 1. Footings remain present within pipe track C. A surface scrape or shallow excavation has taken place in the southern portion of the DU, with a collection of red-brown stockpiles located at the eastern edge of the scrape. A stockpile of a suspected sandy material is situated at the centre of the DU. An arc of what resembles road base is positioned in the north-western portion of the DU. An additional barrier is evident within the northern-most earthen bund.	
1-Jul-19	NearMap		Pipe track C along the southern boundary has been cleared and appears more consistent in surface colour. The broader DU has been contained by a reinforced bund, sloping down northwards and westward. The far western portion has been contained independently with a larger inner bunded section. Within the outer bunded section, a soil stockpile is situated within the eastern portion of the DU. In the eastern portion of the inner bunded section are six geobags. Throughout this inner bunded area, black material is present which may be liner material; fragmenting of the black material surrounding the geobags are visible columns, also suggesting a liner material. Earthmoving equipment is also visible.	
17-Jun-21	NearMap		Geobags and liner material have been removed from within the inner bunded area of the DU. Several stockpiles are present, including one in the central southern portion of the DU and five stockpiles in the north-eastern portion. The eastern stockpile from previous image is no longer present.	
18-Jun-24	NearMap		Two stockpiles have been removed from the northern portion. An additional stockpile is within the south-eastern portion. The north-western portion of the DU, within both the inner out outer bunded sections, are flooded.	

Annexure B13: DU13 Historical aerial review

2-Apr-25	NearMap		Stockpiles have been removed within the northern portion of the DU. Additional stockpiles are present in the south-eastern portion of the DU. Flooding has receded but still present. In the central southern portion, a section of road base has been lain and orange geofabric is visible along the northern edge of the road base.	

Annexure B14

DU14 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	151.2075431°E 34.0216525°S	The DU is primarily covered in vegetation, with sand tracks running throughout.	
1972	Historical Imagery Spatial NSW		The land has been cleared and the sand tracks are no longer evident. A pipeline runs parallel to the western boundary external of the DU.	
1979	Historical Imagery Spatial NSW		A suspected carpark has been installed in the northern portion of the DU and a smaller building has been erected along the western boundary of the DU. The vegetation that exists on the southern boundary of the DU has increased.	
1984	Historical Imagery Spatial NSW		The vegetation has been cleared in the southern portion of the DU. A small tank has been installed in the central western portion of the DU.	
1998	Historical Imagery Spatial NSW		The original building on the western boundary of the DU has been replaced with a larger building. To this buildings north sub-station Y has been installed. The small tank in the centra western portion of the DU has been replaced by a larger tank. Vegetation at the southern boundary has re-grown. What is the fire training area (FTA) slab, and its associated on slab features are now visible in the eastern portion of the DU.	

2005	Historical Imagery Spatial NSW		A small tank (understood to have been used for as a prop for training purposes) has been installed in the central eastern portion of the DU on the FTA slab. Additional structures that are shed-like are in the southern portion of the DU.	
15-Jun-10	NearMap		No significant changes within the DU noted.	
11-Jul-12	NearMap		No significant changes within the DU noted, with exception of (red) foam pods installed at the southern boundary on a concrete slab.	
3-Aug-13	NearMap		No significant changes within the DU noted, with exception of 2 shipping containers in the south-eastern corner.	

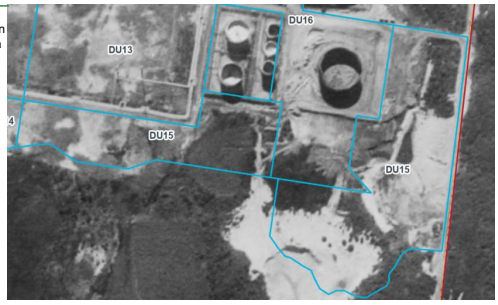
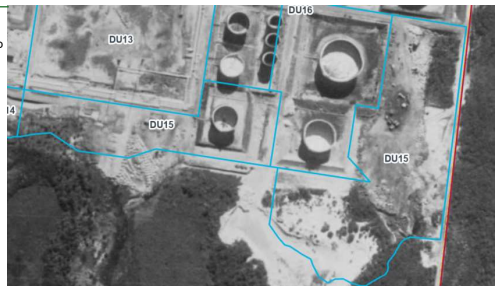
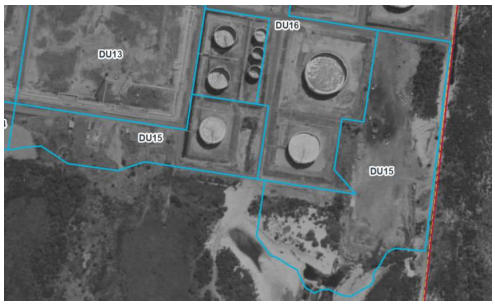
27-Jun-15	NearMap		No significant changes within the DU noted, with exception of material stored in the south-western portion of the DU.	
16-Jun-16	NearMap		A suspected shipping container and shed were removed from the south eastern portion of the DU.	
24-Jun-17	NearMap		No significant changes within the DU noted.	
1-Jul-19	NearMap		A small suspected tank in the central eastern portion of the FTA slad has been removed. The footprint is still visible.	

17-Jun-21	NearMap		No significant changes within the DU noted.	
18-Jun-24	NearMap		Two small red foam pods have been removed from the southern border of the DU.	
2-Apr-25	NearMap		No significant changes within the DU noted.	

Annexure B15

DU15 Historical aerial review

Annexure B15: DU15 Historical Aerial Review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	151.2075431°E 34.0216525°S	Eastern parcel: The eastern side of the DU comprises a sand dune and light vegetation in the northern portion, and 2 distinct sand tracks with light vegetation cover in the southern portion. Western parcel: The western side of the DU comprises of dense vegetation in the eastern portion and light vegetation with 2 distinct sand tracks in the western portion.	
1972	Historical Imagery Spatial NSW		Eastern parcel: Vegetation has been cleared throughout the DU. In the northern east portion DU is now bordered by a bund wall (from eastern tank farm). Western parcel: All vegetation has been cleared in the western portion of the DU. Some vegetation has been cleared in the eastern portion. A sand track has been made parallel to the eastern boundary.	
1979	Historical Imagery Spatial NSW		Eastern parcel: Further vegetation has been cleared in the northern portion. Remaining vegetation appears to be managed. There is material stored randomly across the northern portion of this parcel. Western parcel: Vegetation has been cleared and a medium sized tank has been installed in the eastern portion of the DU.	
1984	Historical Imagery Spatial NSW		No significant changes within the DU noted.	

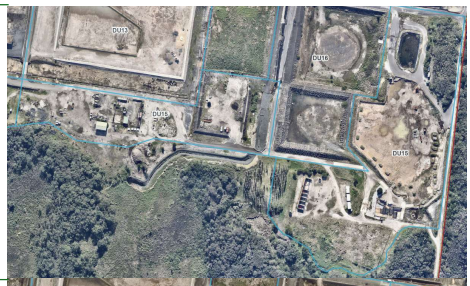
Annexure B15: DU15 Historical Aerial Review

1998	Historical Imagery Spatial NSW	Eastern parcel: The central part of the DU has become a landfarm area, and the southern boundary appears to have been cleared. Limestone pits are constructed to the west. Western parcel: Suspected shipping containers and other storage infrastructure has been installed in the eastern portion of the parcel.	
2005	Historical Imagery Spatial NSW	Eastern parcel: Metal type materials, and small stockpiles are stored along the southern boundary, and the cleared areas are more visible. This areas appears to be used for tempory waste storage. There are vehicles present. There is evidence of material storage along the northern boundary. Western parcel: No significant changes within the DU noted.	
15-Jun-10	NearMap	Eastern parcel: There is pooling water in the southern portion of the landfarm. There is an increased volume of material stored along the northern boundary. Previously mentioned materials along the southern border of the DU have been mostly removed. The southern area appears cleared, flat and graded, with vehicles present. Western parcel: No significant changes within the DU noted.	
11-Jul-12	NearMap	Eastern parcel: There is reduced pooling of water in the landfarm. Metal materials along the southern border of the DU are present again. Earthworks have occurred to the north of this, and the surface now appears to have a consistent capping (limestone pits). Suspected landfarm material is contained in a small bunded area in the northern portion of the DU. Western parcel: No significant changes within the DU noted, with the exception of new building/shed (green roof) constructed in southern central portion.	
3-Aug-13	NearMap	Eastern parcel: The landfarm appears to be spread across the footprint, reducing the height but increasing the lateral impact. This has removed the pooling. Suspected waste bays have been installed in the south western corner of the parcel and there are additional metal sheds in the southern central portion. Previously mentioned landfarm material in the northern portion of the DU appears to be removed and vegetation has replaced it. Western parcel: No significant changes within the DU noted.	

Annexure B15: DU15 Historical Aerial Review

27-Jun-15	NearMap		Eastern parcel: The majority of contents in the landfarm have been removed and suspected pooling of water has occurred. Bunded area in the northern portion has been split in half with the northern half containing suspected landfarm material and the southern half containing pooled water. Western parcel: No significant changes within the DU noted, with the exception of building removed from the southern central portion.	
16-Jun-16	NearMap		Eastern parcel: Suspected pooling in landfarm has been removed and the majority of material has also been removed. Bunded area in the northern portion of the DU is covered with suspected pooling of water. Metal materials along the southern border of the DU has approximately doubled in size. Western parcel: No significant changes within the DU noted.	
24-Jun-17	NearMap		Eastern parcel: Northern tip of the landfarm subject to suspected pooling of water. The southern portion of the landfarm has been divided by an internal bund. Materials stored along the northern boundary have been removed. Western parcel: The tank on the eastern boundary of the parcel has been removed, the bunding remains. Pipes are evident in the southern portion and along the southern boundary.	
1-Jul-19	NearMap		Eastern parcel: Dirt tracks in the northern portion of the DU have been replaced with paved roads. Western portion and southern section of the landfarm appears to be inundated with water. Suspected metal materials in the southern portion of the parcel have been removed. Western parcel: Some metal materials have been removed from the western portion of the parcel. Two stockpiles have been placed in these areas. The larger stockpile in the central part of the parcel contains a light-grey material while the smaller stockpile close to eastern boundary of the parcel contains a black, dark-grey material. A number of structure in the central portion have neem removed. The pipes and material stored along the southern boundary have been removed. The bund in the eastern portion appears fragmented with metal structures apparent.	
17-Jun-21	NearMap		Eastern parcel: Suspected pooling of water has reduced in both sections of the landfarm by approximately 50%. A large amount of the landfarm material appears to have been removed. Vegetation has increased in the southern portion of the DU. Western parcel: Both stockpiles from previous image have been removed.	

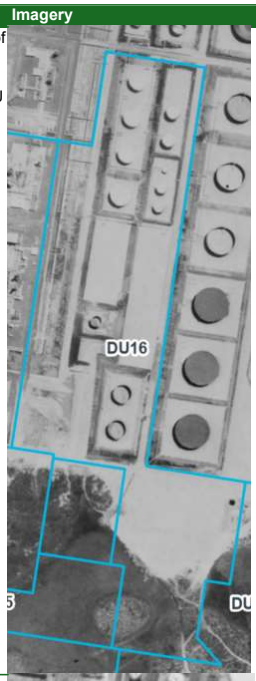
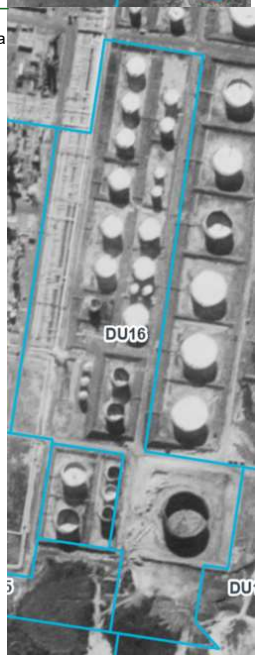
Annexure B15: DU15 Historical Aerial Review

18-Jun-24	NearMap		Eastern parcel: The contents of the landfarm has been removed. The base of the landfarm appears to contain sands, likely the material beneath former liner of the landfarm. The suspected pooling of water in the bunded area in the northern portion of the parcel has been drained. Western parcel: No significant changes within the parcel noted.	
2-Apr-25	NearMap		Eastern parcel: Vegetation is growing in the northern portion of the old landfarm footprint. Western parcel: No significant changes noted.	

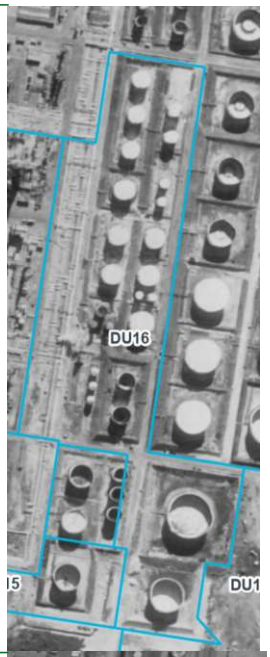
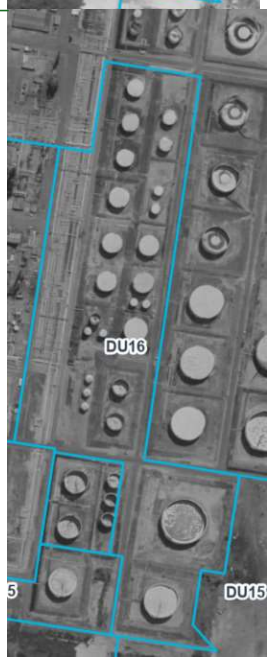
Annexure B16

DU16 Historical aerial review

Annexure B16: DU16 Historical aerial review

Year	Source	Coordinates	Comments	Imagery
1955	Historical Imagery Spatial NSW	151.2075431°E 34.0216525°S	The northern portion of the DU contains 12 tanks of small and medium sizes on sealed ground. Bunding surrounds all tanks and pipework is evident to the west. The southern portion of the DU is covered by vegetation and a sand dune with sand trails exiting through the southern boundary of the DU.	
1972	Historical Imagery Spatial NSW		The number of tanks in the northern portion has increased to 21. In the southern portion of the DU a large tank has been installed.	

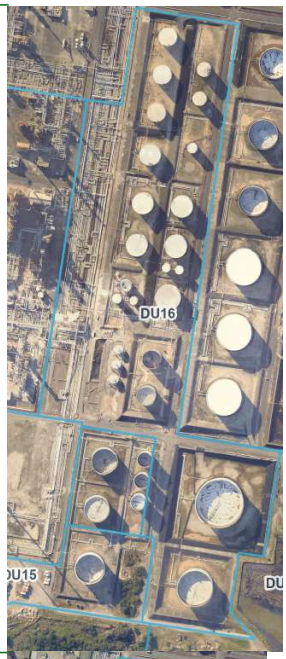
Annexure B16: DU16 Historical aerial review

1979	Historical Imagery Spatial NSW	An additional two small tanks have been installed in the northern portion of the DU. An additional medium sized tank has been installed in the southern portion of the DU.	
1984	Historical Imagery Spatial NSW	No significant changes within the DU noted.	

Annexure B16: DU16 Historical aerial review

1998	Historical Imagery Spatial NSW	No significant changes within the DU noted.	
2005	Historical Imagery Spatial NSW	A small tank in the northern portion of the DU has been removed.	

Annexure B16: DU16 Historical aerial review

15-Jun-10	NearMap		The colour of a medium sized tank in the central part of the DU has changed from rusted to clean white. Tank suspected to have been blasted and painted.	
11-Jul-12	NearMap		No significant changes within the DU noted.	

Annexure B16: DU16 Historical aerial review

3-Aug-13	NearMap	No significant changes within the DU noted.	
27-Jun-15	NearMap	No significant changes within the DU noted.	

Annexure B16: DU16 Historical aerial review

16-Jun-16	NearMap		No significant changes within the DU noted.	
24-Jun-17	NearMap		The first two tanks on the north-western corner of the DU have been removed. The first 8 tanks on the north-eastern side of the DU have been removed. There appears to be repairs to some of the western bund walls.	

Annexure B16: DU16 Historical aerial review

1-Jul-19	NearMap		All tanks within the DU have been removed. In the central-eastern side of the DU, where two tanks once stood, geobags are evident.	
17-Jun-21	NearMap		No significant changes within the DU noted.	

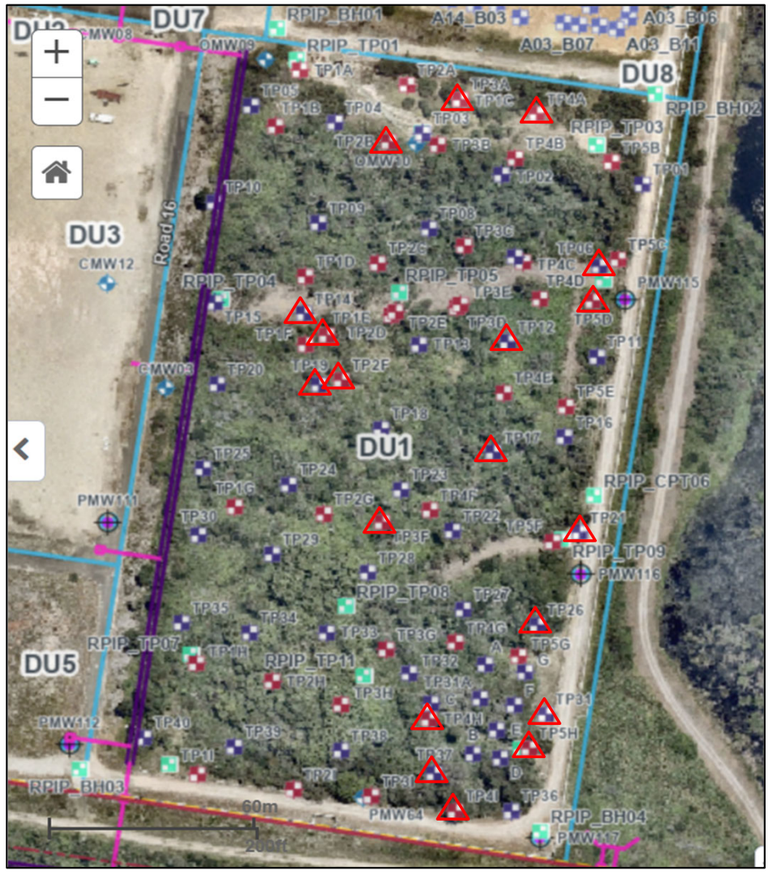
Annexure B16: DU16 Historical aerial review

18-Jun-24	NearMap		The geobags have been removed. Vegetation within former tank bunds has increased.	
2-Apr-25	NearMap		No significant changes within the DU noted.	

Annexure C

Historical analytical results

DU01 - 1a: Historical Exceedances



Legend
- Culvert
- Stormwater pit
- SWS (buried)
- OWS service
- DU boundary

Investigations
- PB, 2011
- AECOM, 2023d
- AECOM, 2025c
- WSP, 2025g
- WSP, 2025j
- AC exceedance

Refer to **Attachment 3b-f** for historical data extracts.

Aerial date: Jan 2025
Aerial source: Nearmaps

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Me			
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m						260[#1]	NL [#2]													
>=1m, <2m						370	NL													
>=2m, <4m						630	NL													
>=4m						NL [#2]	NL													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m						**NL**	**NL**													
>=2m, <4m						**NL**	**NL**													
>=4m						**NL**	**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	130
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	9	24
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	36	230
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	13	1	96	1,200
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	<25	<50	130	<100	130	<4	<0.5	22	130
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	68
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	4	19
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	6	44
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	48
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	56
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	16	100
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	14	76
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5	22
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	16	98
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	4	6
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5	25
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12	74
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	67
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12	78
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	<0.5	18	330
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	66
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	7	51
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	7	20
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	27	<0.5	80	3,900
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	95
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	26	170
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	65
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	<0.5	18	60
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	15	79
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	12	39
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	9
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	3	4
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	45	250
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12	40
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	3	2
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	8	<0.5	4	<1
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	29
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	1	18	47
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	70	<0.5	7	2
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	<1	<1
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	<1	<1
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	45
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Me			
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m						260[#1]	NL [#2]													
>=1m, <2m						370	NL													
>=2m, <4m						630	NL													
>=4m						NL [#2]	NL													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m						**NL**	**NL**													
>=2m, <4m						**NL**	**NL**													
>=4m						**NL**	**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	115
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	<10	<10	<50	<50	450	220	670	<10	<50	210	330	540	<5	<1	17	112
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	<10	<10	<50	<50	150	<100	150	<10	<50	<100	<100	<50	9	<1	44	229
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	29	173
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	39	24
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	<10	<10	<50	<50	220	110	330	<10	<50	140	130	270	<5	1	59	552
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	8
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	36
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	49
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21	346
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	55
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	120
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	40	439
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	48	332
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	39	296
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	18	93
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	15	35
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18	140
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	31
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	6
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21	61
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	54
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	<10	<10	<50	<50	180	<100	180	<10	<50	110	<100	110	<5	<1	14	45
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	58
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	20	117
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	25
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	3	<5
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	4	<5
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	6
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	29
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	10	37
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	24	25
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	63
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	18	108
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	9
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	4	68	71

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Me			
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m						260[#1]	NL [#2]													
>=1m, <2m						370	NL													
>=2m, <4m						630	NL													
>=4m						NL [#2]	NL													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m						**NL**	**NL**													
>=2m, <4m						**NL**	**NL**													
>=4m						**NL**	**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	22	23
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.7	<0.4	17	59
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<5
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.2	<0.4	19	120
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	<5	<5
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<5
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.7	<0.4	6.2	5.9
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	11	<0.4	<5	<5
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	<0.4	<5	<5
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	116	799
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	10	<1	19	10
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	29	<1	11	<5
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Me			
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m		260[#1]	NL [#2]													
>=1m, <2m		370	NL													
>=2m, <4m		630	NL													
>=4m		NL [#2]	NL													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]	900	3,600[#4]	240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m		**NL**	**NL**													
>=2m, <4m		**NL**	**NL**													
>=4m		**NL**	**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																

Monitoring Zone **Location Code** **Date** **Field ID** **Sample Type**

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be undertaken
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tals				Monocyclic Aromatic Hydrocarbons											
	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	Sec-butylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					3	NL [#2]	NL [#2]			230						
>=1m, <2m					3	NL	NL			NL [#2]						
>=2m, <4m					3	NL	NL			NL						
>=4m					3	NL	NL			NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	1,500[#5]	730[#6]	6,000	400,000												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**77**	**NL**	**NL**			**NL**						
>=2m, <4m					**160**	**NL**	**NL**			**NL**						
>=4m					**NL**	**NL**	**NL**			**NL**						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5.1[#10]	47,000[#10]	25[#10]		2,800[#10]	2,500[#10]	35,000[#10]	9,900[#10]	58,000[#10]	24,000[#10]		120,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type														
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	70	0	11	390	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	21	0	11	260	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	180	1	16	1,300	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	670	<0.1	28	4,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	95	<0.1	44	680	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	54	0	13	470	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	12	<0.1	8	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	12	0	12	78	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	36	0	8	280	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	76	<0.1	6	600	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	100	0	15	720	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	52	0	13	370	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	19	<0.1	4	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	80	0	26	510	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	4	0	4	25	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	23	<0.1	4	220	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	57	0	12	360	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	43	<0.1	9	370	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	43	<0.1	10	270	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	110	0	11	710	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	42	<0.1	15	290	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	38	<0.1	8	220	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	19	<0.1	5	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	1,200	<0.1	31	7,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	120	0	11	730	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	190	1	22	1,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	51	1	21	330	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	57	0	11	440	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	56	<0.1	10	390	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	23	<0.1	20	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	16	<0.1	7	58	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	200	<0.1	2	46	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	310	<0.1	20	2,500	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	42	0	5	200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	5	0	2	10	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	1	<0.1	1	2	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	38	0	13	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	110	<0.1	16	320	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	7	<0.1	2	18	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	2	<0.1	<1	8	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	1	<0.1	<1	<1	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	50	<0.1	15	81	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<5	<0.1	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tals				Monocyclic Aromatic Hydrocarbons											
	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					3	NL [#2]	NL [#2]			230						
>=1m, <2m					3	NL	NL			NL [#2]						
>=2m, <4m					3	NL	NL			NL						
>=4m					3	NL	NL			NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	1,500[#5]	730[#6]	6,000	400,000												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**77**	**NL**	**NL**			**NL**						
>=2m, <4m					**160**	**NL**	**NL**			**NL**						
>=4m					**NL**	**NL**	**NL**			**NL**						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5.1[#10]	47,000[#10]	25[#10]		2,800[#10]	2,500[#10]	35,000[#10]	9,900[#10]	58,000[#10]	24,000[#10]		120,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	132	0.4	11	974	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	169	0.1	11	1,010	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	207	0.5	17	1,290	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	178	0.3	24	1,500	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	22	0.1	6	107	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	852	0.2	44	6,700	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	7	<0.1	3	54	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	44	<0.1	10	225	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	54	0.2	11	352	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	316	0.2	17	1,780	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	60	<0.1	7	484	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	143	<0.1	6	1,480	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	403	0.7	23	2,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	285	0.4	26	2,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	298	0.2	20	2,010	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	255	0.1	16	418	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	49	0.1	17	316	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	113	0.2	19	764	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	47	<0.1	7	303	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	6	<0.1	4	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	89	0.2	11	849	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	56	0.3	18	303	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	42	0.1	27	223	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	60	0.1	13	403	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	82	0.1	16	574	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	20	<0.1	11	72	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	<5	<0.1	2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	6	<0.1	3	31	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	<5	<0.1	<2	8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	15	0.2	35	71	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	79	<0.1	14	212	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	44	<0.1	16	202	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	48	<0.1	12	329	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	90	0.2	25	473	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	<5	<0.1	8	12	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	287	<0.1	36	694	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tals				Monocyclic Aromatic Hydrocarbons											
	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					3	NL [#2]	NL [#2]			230						
>=1m, <2m					3	NL	NL			NL [#2]						
>=2m, <4m					3	NL	NL			NL						
>=4m					3	NL	NL			NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	1,500[#5]	730[#6]	6,000	400,000												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**77**	**NL**	**NL**			**NL**						
>=2m, <4m					**160**	**NL**	**NL**			**NL**						
>=4m					**NL**	**NL**	**NL**			**NL**						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5.1[#10]	47,000[#10]	25[#10]		2,800[#10]	2,500[#10]	35,000[#10]	9,900[#10]	58,000[#10]	24,000[#10]		120,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	226	<0.1	7	149	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	25	<0.1	17	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	<5	<0.1	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	<5	<0.1	<5	11	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	66	2.4	20	420	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	<5	<0.1	5.6	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<5	<0.1	<2	28	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	676	0.1	68	7,490	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<5	<0.1	<2	15	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	23	<0.1	4	41	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<5	<0.1	4	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tals				Monocyclic Aromatic Hydrocarbons											
	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					3	NL [#2]	NL [#2]			230						
>=1m, <2m					3	NL	NL			NL [#2]						
>=2m, <4m					3	NL	NL			NL						
>=4m					3	NL	NL			NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	1,500[#5]	730[#6]	6,000	400,000												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**77**	**NL**	**NL**			**NL**						
>=2m, <4m					**160**	**NL**	**NL**			**NL**						
>=4m					**NL**	**NL**	**NL**			**NL**						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5.1[#10]	47,000[#10]	25[#10]		2,800[#10]	2,500[#10]	35,000[#10]	9,900[#10]	58,000[#10]	24,000[#10]		120,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]				NL [#2]							NL
>=1m, <2m					NL				NL							NL
>=2m, <4m					NL				NL							NL
>=4m					NL				NL							NL
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						40[#7]	40[#7]	40[#7]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**											
>=2m, <4m					**NL**											
>=4m					**NL**											**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	120,000[#10]	1,800[#10]	1,500[#10]						8.6[#10]	3,000[#10]	60,000[#10]		45,000[#10]	230,000[#10]	30,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]				NL [#2]							NL
>=1m, <2m					NL				NL							NL
>=2m, <4m					NL				NL							NL
>=4m					NL				NL							NL
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						40[#7]	40[#7]	40[#7]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**											
>=2m, <4m					**NL**											
>=4m					**NL**											**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	120,000[#10]	1,800[#10]	1,500[#10]						8.6[#10]	3,000[#10]	60,000[#10]		45,000[#10]	230,000[#10]	30,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]				NL [#2]							NL
>=1m, <2m					NL				NL							NL
>=2m, <4m					NL				NL							NL
>=4m					NL				NL							NL
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						40[#7]	40[#7]	40[#7]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**											
>=2m, <4m					**NL**											
>=4m					**NL**											**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	120,000[#10]	1,800[#10]	1,500[#10]						8.6[#10]	3,000[#10]	60,000[#10]		45,000[#10]	230,000[#10]	30,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	-	-	-	-	<0.5	1.1	0.8	1.4	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL #2				NL #2							NL
>=1m, <2m					NL				NL							NL
>=2m, <4m					NL				NL							NL
>=4m					NL				NL							NL
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						40 #7	40 #7	40 #7								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**											
>=2m, <4m					**NL**											
>=4m					**NL**											**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	120,000 #10	1,800 #10	1,500 #10						8.6 #10	3,000 #10	60,000 #10		45,000 #10	230,000 #10	30,000 #10	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons															
					Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				4,000[#8]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						30,000[#10]	21[#10]	210[#10]				0.6[#10]	0.0084[#10]	2.1[#10]	2,100[#10]	23,000[#10]	0.1[#10]		2.1[#10]	21[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	0.09	<0.1	0.1	-	<0.1	<0.1	<0.1	0.19
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	0.2	0.5	0.3	-	0.5	-	-	-	-	0.28	0.3	0.5	-	0.2	<0.1	0.2	2.98
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	<0.1	0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	0.5	-	<0.1	<0.1	<0.1	0.6
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	<0.1	0.2	0.1	-	<0.2	-	-	-	-	0.08	0.1	0.2	-	<0.1	<0.1	<0.1	0.68
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	<0.1	0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	0.1	-	<0.1	<0.1	<0.1	0.2
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	0.1	0.2	<0.1	-	<0.2	-	-	-	-	0.06	<0.1	0.2	-	<0.1	<0.1	<0.1	0.56
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	0.2	0.7	0.3	-	0.4	-	-	-	-	0.24	0.3	0.7	-	0.1	<0.1	0.2	3.14
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	<0.1	0.2	<0.1	-	<0.2	-	-	-	-	0.09	0.1	0.2	-	<0.1	<0.1	<0.1	0.59
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	0.07	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.07
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	<0.1	0.3	0.2	-	0.3	-	-	-	-	0.13	0.2	0.3	-	<0.1	<0.1	0.1	1.53
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.05
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons																
					Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					4,000[#8]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						30,000[#10]	21[#10]	210[#10]				0.6[#10]	0.0084[#10]	2.1[#10]	2,100[#10]	23,000[#10]	0.1[#10]		2.1[#10]	21[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5

DU01 - 1b: Soil Analytical Results – Human Health Screening

				Polynuclear Aromatic Hydrocarbons															
				Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				4,000[#8]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					30,000[#10]	21[#10]	210[#10]				0.6[#10]	0.0084[#10]	2.1[#10]	2,100[#10]	23,000[#10]	0.1[#10]		2.1[#10]	21[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	<0.5	1.1	<0.5	0.6	-	<0.5	-	-	-	0.7	0.6	1.4	-	0.6	<0.5	5.0
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Polynuclear Aromatic Hydrocarbons																
	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	4,000[#8]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		30,000[#10]	21[#10]	210[#10]				0.6[#10]	0.0084[#10]	2.1[#10]	2,100[#10]	23,000[#10]	0.1[#10]		2.1[#10]	21[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

						Phenolic Compounds													
						3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m																						
>=1m, <2m																						
>=2m, <4m																						
>=4m																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							240,000			25,000									660			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m																						
>=2m, <4m																						
>=4m																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								5,800[#10]	41,000[#10]			2,500[#10]	16,000[#10]		82,000[#10]	210[#10]	82,000[#10]	66[#10]		1,600[#10]	1,600[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

										Phenolic Compounds								
										3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											240,000			25,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												5,800[#10]	41,000[#10]			2,500[#10]	16,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**								-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**								-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**								<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5

										Phenolic Compounds								
										4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL										0.5	0.5	0.5	5	1	5	20	5	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														660				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										82,000[#10]	210[#10]	82,000[#10]	66[#10]		1,600[#10]	1,600[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**						-	-	-	-	-	-	-	-	
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**						-	-	-	-	-	-	-	-	
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**						<0.5	<0.5	<0.5	-	<2	-	-	-	

DU01 - 1b: Soil Analytical Results – Human Health Screening

										Phenolic Compounds								
	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		240,000			25,000									660			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			5,800[#10]	41,000[#10]			2,500[#10]	16,000[#10]		82,000[#10]	210[#10]	82,000[#10]	66[#10]		1,600[#10]	1,600[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Phenolic Compounds																
	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		240,000			25,000									660			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			5,800[#10]	41,000[#10]			2,500[#10]	16,000[#10]		82,000[#10]	210[#10]	82,000[#10]	66[#10]		1,600[#10]	1,600[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Other	Landfill Gas	NA		Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds	
	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	20	10	1	20	0.001		0.005	0.002	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										7[#9]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	820[#10]										7.5[#10]	8[#10]		930[#10]	3,500[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.5	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	<0.5	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Other	Landfill Gas	NA		Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds	
	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	20	10	1	20	0.001		0.005	0.002	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										7[#9]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	820[#10]										7.5[#10]	8[#10]		930[#10]	3,500[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type															
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	1[#11]	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	1[#12]	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	<0.5	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Other	Landfill Gas	NA		Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds	
	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	20	10	1	20	0.001		0.005	0.002	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										7[#9]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	820[#10]										7.5[#10]	8[#10]		930[#10]	3,500[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	1[#13]	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	1[#14]	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	1[#15]	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<20	<10	<1	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	<2.5	<0.5	<0.5	<0.5	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Other	Landfill Gas	NA		Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds	
	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	20	10	1	20	0.001		0.005	0.002	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										7[#9]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	820[#10]										7.5[#10]	8[#10]		930[#10]	3,500[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						2,500					2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				600[#10]			2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						2,500					2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				600[#10]			2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						2,500					2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				600[#10]			2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						2,500					2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				600[#10]			2,500[#10]			570[#10]		8,200[#10]					570[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)														
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]	4,900[#10]	210[#10]	160[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

						Organophosphorus Pesticides (OP)													
						Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m																						
>=1m, <2m																						
>=2m, <4m																						
>=4m																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m																						
>=2m, <4m																						
>=4m																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]	4,900[#10]	210[#10]	160[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**		<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

				Organophosphorus Pesticides (OP)															
				Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]	4,900[#10]	210[#10]	160[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Organophosphorus Pesticides (OP)																	
	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]	4,900[#10]	210[#10]	160[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																45					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							58,000[#10]	19[#10]	410[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																45					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							58,000[#10]	19[#10]	410[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.2	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												45					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			58,000[#10]	19[#10]	410[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.2	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												45					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			58,000[#10]	19[#10]	410[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

						Organochlorine Pesticides (OC)													
						trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m																						
>=1m, <2m																						
>=2m, <4m																						
>=4m																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							530				3,600	2,000				100			50		80	2,500
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m																						
>=2m, <4m																						
>=4m																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]					0.33[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2

DU01 - 1b: Soil Analytical Results – Human Health Screening

						Organochlorine Pesticides (OC)													
						trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m																						
>=1m, <2m																						
>=2m, <4m																						
>=4m																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							530				3,600	2,000				100			50		80	2,500
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m																						
>=2m, <4m																						
>=4m																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]					0.33[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2

DU01 - 1b: Soil Analytical Results – Human Health Screening

						Organochlorine Pesticides (OC)													
						trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							530				3,600	2,000				100			50		80	2,500
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]					0.33[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1.0	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Organochlorine Pesticides (OC)																	
	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		530				3,600	2,000				100			50		80	2,500
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]					0.33[#10]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Halogenated Aromatic Compounds														
					Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					160																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Halogenated Aromatic Compounds														
					Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					160																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Halogenated Aromatic Compounds													
					Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					160																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

				Halogenated Aromatic Compounds													
	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	160																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

										Halogenated Aliphatic Compounds									
										Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

										Halogenated Aliphatic Compounds									
										1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene					
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg					
EQL										0.5	0.5	0.5	0.5	0.5					
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-										
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-										
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5										
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5										

DU01 - 1b: Soil Analytical Results – Human Health Screening

									Halogenated Aliphatic Compounds										
									Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]	99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU01 - 1b: Soil Analytical Results – Human Health Screening

									Halogenated Aliphatic Compounds										
									Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]	99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Halogenated Aliphatic Compounds																
	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]	99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

								Trihalomethanes				Fumigants					Oxygenated	
					cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					0.032[#10]	2.7[#10]	0.11[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]	0.16[#10]	11[#10]				3,800[#10]	190,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5

DU01 - 1b: Soil Analytical Results – Human Health Screening

								Trihalomethanes				Fumigants					Oxygenated	
					cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					0.032[#10]	2.7[#10]	0.11[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]	0.16[#10]	11[#10]				3,800[#10]	190,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5

DU01 - 1b: Soil Analytical Results – Human Health Screening

								Trihalomethanes				Fumigants					Oxygenated	
	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.032[#10]	2.7[#10]	0.11[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]	0.16[#10]	11[#10]				3,800[#10]	190,000[#10]
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

							Trihalomethanes				Fumigants					Oxygenated	
	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.032[#10]	2.7[#10]	0.11[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]	0.16[#10]	11[#10]				3,800[#10]	190,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Compounds		Physio-Chemical Parameters		Phenoxyacetic Acid Herbicides								Carbamates	Fungicides			
	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)
	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	0.1	1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										5,000	35,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,300[#10]	140,000[#10]			6,600[#10]			25,000[#10]						41,000[#10]			1,600[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	<5	<5	13.9	-	-	-	-	-	-	-	-	-	-
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	<5	<5	31.3	-	-	-	-	-	-	-	-	-	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Compounds		Physio-Chemical Parameters		Phenoxyacetic Acid Herbicides								Carbamates	Fungicides			
	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)
	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	0.1	1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										5,000	35,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,300[#10]	140,000[#10]			6,600[#10]			25,000[#10]						41,000[#10]			1,600[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<5	<5	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<5	<5	25.6	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<5	<5	9.7	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<5	<5	17.3	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<5	<5	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<5	<5	14.7	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<5	<5	22.8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<5	<5	18.9	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<5	<5	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<5	<5	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<5	<5	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<5	<5	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<5	<5	13.0	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<5	<5	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<5	<5	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<5	<5	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<5	<5	22.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<5	<5	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<5	<5	10.2	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<5	<5	16.4	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<5	<5	21.8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<5	<5	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<5	<5	19.8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<5	<5	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<5	<5	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<5	<5	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<5	<5	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<5	<5	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<5	<5	13.8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<5	<5	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<5	<5	15.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<5	<5	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<5	<5	19.1	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<5	<5	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<5	<5	16.4	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<5	<5	9.4	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<5	<5	12.9	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<5	<5	10.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<5	<5	24.8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<5	<5	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Compounds		Physio-Chemical Parameters		Phenoxyacetic Acid Herbicides								Carbamates	Fungicides			
	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)
	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	0.1	1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										5,000	35,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,300[#10]	140,000[#10]			6,600[#10]			25,000[#10]						41,000[#10]			1,600[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	<5	<5	20.1	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	-	-	-	12	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	-	-	-	23	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	-	-	-	27	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	-	-	-	8.8	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	-	-	-	11	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	-	-	-	19	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	-	-	-	10	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	-	-	-	26	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	-	-	-	23	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	13	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	10.6	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	-	-	25.0	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	20.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	-	-	22.0	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	22.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	-	-	25.7	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	23.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	-	-	16.9	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	-
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	20.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	-	-	13.8	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	21.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	11.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	-	-	43.7	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	-	-	20.6	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	17.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	-	-	24.2	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	15.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	-	-	21.4	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	21.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	20.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	19.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	19.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Compounds		Physio-Chemical Parameters		Phenoxyacetic Acid Herbicides								Carbamates	Fungicides			
	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)
	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	0.1	1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										5,000	35,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,300[#10]	140,000[#10]			6,600[#10]			25,000[#10]						41,000[#10]			1,600[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

					Herbicides														
	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				5,000		9,000						5,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		82,000[#10]						7,400[#10]	2.7[#10]	11,000[#10]	27,000[#10]		120,000[#10]	21,000[#10]	1,600[#10]	33,000[#10]	16,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

													Herbicides						
					Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								5,000		9,000						5,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						82,000[#10]						7,400[#10]	2.7[#10]	11,000[#10]	27,000[#10]		120,000[#10]	21,000[#10]	1,600[#10]	33,000[#10]	16,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	**TP2A**	**01 Sep 2022**	**TP2A_0.5_220901**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2B**	**01 Sep 2022**	**TP2B_0.2_220901**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3A**	**01 Sep 2022**	**TP3A_0.4_220901**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.0_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.2_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**02 Sep 2022**	**TP3B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**02 Sep 2022**	**TP4A_0.8_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4B**	**02 Sep 2022**	**TP4B_1.2_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4C**	**02 Sep 2022**	**TP4C_1.3_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5B**	**02 Sep 2022**	**TP5B_0.7_220902**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1C**	**05 Sep 2022**	**TP1C_0.1_220905**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1D**	**05 Sep 2022**	**TP1D_1.9_220905**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2C**	**05 Sep 2022**	**TP2C_0.1_220905**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2D**	**05 Sep 2022**	**TP2D_1.8_220905**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3C**	**05 Sep 2022**	**TP3C_0.1_220905**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3D**	**05 Sep 2022**	**TP3D_0.1_220905**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4D**	**05 Sep 2022**	**TP4D_1.9_220905**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1E**	**06 Sep 2022**	**TP1E_0.1_220906**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2E**	**06 Sep 2022**	**TP2E_2.0_220906**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3E**	**06 Sep 2022**	**TP3E_1.0_220906**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4E**	**06 Sep 2022**	**TP4E_0.4_220906**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5C**	**06 Sep 2022**	**TP5C_0.8_220906**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5D**	**06 Sep 2022**	**TP5D_0.1_220906**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1F**	**07 Sep 2022**	**TP1F_0.1_220907**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2F**	**07 Sep 2022**	**TP2F_1.0_220907**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3F**	**07 Sep 2022**	**TP3F_1.0_220907**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4F**	**07 Sep 2022**	**TP4F_1.0_220907**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5E**	**07 Sep 2022**	**TP5E_1.0_220907**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1G**	**08 Sep 2022**	**TP1G_0.1_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1H**	**08 Sep 2022**	**TP1H_0.1_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2G**	**08 Sep 2022**	**TP2G_0.6_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2H**	**08 Sep 2022**	**TP2H_0.1_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3G**	**08 Sep 2022**	**TP3G_0.4_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3H**	**08 Sep 2022**	**TP3H_0.1_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4G**	**08 Sep 2022**	**TP4G_0.5_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4I**	**08 Sep 2022**	**TP4I_0.1_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5F**	**08 Sep 2022**	**TP5F_0.1_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5G**	**08 Sep 2022**	**TP5G_0.1_220908**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1I**	**09 Sep 2022**	**TP1I_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP2I**	**09 Sep 2022**	**TP2I_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3I**	**09 Sep 2022**	**TP3I_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

													Herbicides						
	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				5,000		9,000						5,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		82,000[#10]						7,400[#10]	2.7[#10]	11,000[#10]	27,000[#10]		120,000[#10]	21,000[#10]	1,600[#10]	33,000[#10]	16,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	-	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	<0.04[#16]	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	-	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	<0.04[#16]	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	-	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	<0.04[#16]	-	-	-	-	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	<0.04[#16]	<0.04[#16]	<0.04[#16]	<0.04[#16]	-	-	-	-	<0.04[#16]	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

				Herbicides													
	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				5,000		9,000						5,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		82,000[#10]						7,400[#10]	2.7[#10]	11,000[#10]	27,000[#10]		120,000[#10]	21,000[#10]	1,600[#10]	33,000[#10]	16,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

							Organic	Pesticides									Multi-Residue Pesticides	
	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.005	0.005	0.005	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	5,000															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			1,600[#10]	57,000[#10]	820[#10]	8,200[#10]				82,000[#10]	820[#10]	4,100[#10]	21,000[#10]	21,000[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	**PB2011_TP1**	**25 Jul 2011**	**TP1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP2**	**25 Jul 2011**	**TP2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP3**	**25 Jul 2011**	**TP3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP4**	**25 Jul 2011**	**TP4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP5**	**25 Jul 2011**	**TP5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP6**	**25 Jul 2011**	**TP6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP7**	**25 Jul 2011**	**TP7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP8**	**25 Jul 2011**	**TP8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP9**	**25 Jul 2011**	**TP9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP10**	**25 Jul 2011**	**TP10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP11**	**25 Jul 2011**	**TP11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP12**	**25 Jul 2011**	**TP12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP13**	**25 Jul 2011**	**TP13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP14**	**25 Jul 2011**	**TP14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP15**	**25 Jul 2011**	**TP15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP16**	**26 Jul 2011**	**TP16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP17**	**26 Jul 2011**	**TP17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP18**	**26 Jul 2011**	**TP18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP19**	**26 Jul 2011**	**TP19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP20**	**26 Jul 2011**	**TP20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP21**	**26 Jul 2011**	**TP21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP22**	**26 Jul 2011**	**TP22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP23**	**26 Jul 2011**	**TP23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP24**	**26 Jul 2011**	**TP24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP25**	**26 Jul 2011**	**TP25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP26**	**27 Jul 2011**	**TP26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP27**	**27 Jul 2011**	**TP27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP28**	**27 Jul 2011**	**TP28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP29**	**27 Jul 2011**	**TP29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP30**	**27 Jul 2011**	**TP30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP31**	**27 Jul 2011**	**TP31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP32**	**27 Jul 2011**	**TP32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP33**	**27 Jul 2011**	**TP33**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP34**	**27 Jul 2011**	**TP34**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP35**	**27 Jul 2011**	**TP35**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP36**	**28 Jul 2011**	**TP36**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP37**	**28 Jul 2011**	**TP37**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP38**	**28 Jul 2011**	**TP38**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP39**	**28 Jul 2011**	**TP39**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**PB2011_TP40**	**28 Jul 2011**	**TP40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1A**	**01 Sep 2022**	**TP1A_0.5_220901**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP1B**	**01 Sep 2022**	**TP1B_0.7_220901**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

							Organic	Pesticides									Multi-Residue Pesticides	
	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.005	0.005	0.005	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	5,000															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			1,600[#10]	57,000[#10]	820[#10]	8,200[#10]				82,000[#10]	820[#10]	4,100[#10]	21,000[#10]	21,000[#10]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

							Organic	Pesticides									Multi-Residue Pesticides	
	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.005	0.005	0.005	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	5,000															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			1,600[#10]	57,000[#10]	820[#10]	8,200[#10]				82,000[#10]	820[#10]	4,100[#10]	21,000[#10]	21,000[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	**TP4H**	**09 Sep 2022**	**TP4H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**09 Sep 2022**	**TP4H_1.0_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**09 Sep 2022**	**TP5H_0.1_220909**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**20 Jan 2025**	**PMW115-1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**20 Jan 2025**	**PMW116-2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**	<0.04[#16]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**	<0.04[#16]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**	<0.04[#16]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**25 Jan 2025**	**RPIP_TP4_3.0M_250124**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_2.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**29 Jan 2025**	**RPIP_TP6_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**	<0.04[#16]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_3.0_250129**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.5_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.7_250130**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_2.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**31 Jan 2025**	**RPIP_TP10_3.0_2025131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.0_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**31 Jan 2025**	**RPIP_TP11_2.6_20250131**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

							Organic	Pesticides									Multi-Residue Pesticides
	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.005	0.005	0.005	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	5,000															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			1,600[#10]	57,000[#10]	820[#10]	8,200[#10]				82,000[#10]	820[#10]	4,100[#10]	21,000[#10]	21,000[#10]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Un-assigned
	Paclobutrazol
	mg/kg
EQL	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	11,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Un-assigned
	Paclobutrazol
	mg/kg
EQL	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	11,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Un-assigned
	Paclobutrazol
	mg/kg
EQL	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	11,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-

Comments

DU01 - 1b: Soil Analytical Results – Human Health Screening

	Un-assigned
	Paclobutrazol
	mg/kg
EQL	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	11,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pr
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc.
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#16 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	**PB2011_TP1**	**TP1**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	130	70
DU01	**PB2011_TP2**	**TP2**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	9	24	21
DU01	**PB2011_TP3**	**TP3**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	36	230	180
DU01	**PB2011_TP4**	**TP4**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	13	1	96	1,200	670
DU01	**PB2011_TP5**	**TP5**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	130	<100	130	<4	<0.5	22	130	95
DU01	**PB2011_TP6**	**TP6**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	68	54
DU01	**PB2011_TP7**	**TP7**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	4	19	12
DU01	**PB2011_TP8**	**QA1 (dup TP08)**	**25 Jul 2011**	**Field_D**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5	42	14
DU01	**PB2011_TP8**	**TP8**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	6	44	12
DU01	**PB2011_TP9**	**TP9**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	48	36
DU01	**PB2011_TP10**	**TP10**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	56	76
DU01	**PB2011_TP11**	**TP11**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	16	100	100
DU01	**PB2011_TP12**	**TP12**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	14	76	52
DU01	**PB2011_TP13**	**TP13**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5	22	19
DU01	**PB2011_TP14**	**TP14**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	16	98	80
DU01	**PB2011_TP15**	**TP15**	**25 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	4	6	4
DU01	**PB2011_TP16**	**TP16**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5	25	23
DU01	**PB2011_TP17**	**TP17**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12	74	57
DU01	**PB2011_TP18**	**TP18**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	67	43
DU01	**PB2011_TP19**	**QA2 (dup TP19)**	**26 Jul 2011**	**Field_D**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	13	32	15
DU01	**PB2011_TP19**	**QA2A (trip TP19)**	**26 Jul 2011**	**Interlab_D**	-	-	-	-	-	-	-	<10	<50	<100	<100	-	<5	<1	10	61	45
DU01	**PB2011_TP19**	**TP19**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12	78	43
DU01	**PB2011_TP20**	**TP20**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	<0.5	18	330	110
DU01	**PB2011_TP21**	**TP21**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	66	42
DU01	**PB2011_TP22**	**TP22**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	7	51	38
DU01	**PB2011_TP23**	**TP23**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	7	20	19
DU01	**PB2011_TP24**	**TP24**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	27	<0.5	80	3,900	1,200
DU01	**PB2011_TP25**	**TP25**	**26 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	95	120
DU01	**PB2011_TP26**	**TP26**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	26	170	190
DU01	**PB2011_TP27**	**TP27**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14	65	51
DU01	**PB2011_TP28**	**TP28**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	<0.5	18	60	57
DU01	**PB2011_TP29**	**QA3 (dup TP29)**	**27 Jul 2011**	**Field_D**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	15	100	72
DU01	**PB2011_TP29**	**TP29**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	15	79	56
DU01	**PB2011_TP30**	**TP30**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	12	39	23
DU01	**PB2011_TP31**	**TP31**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	9	16
DU01	**PB2011_TP31**	**TP31**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	3	4	200
DU01	**PB2011_TP32**	**TP32**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	45	250	310
DU01	**PB2011_TP33**	**TP33**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12	40	42
DU01	**PB2011_TP34**	**TP34**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	3	2	5
DU01	**PB2011_TP35**	**TP35**	**27 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	8	<0.5	4	<1	1
DU01	**PB2011_TP36**	**TP36**	**28 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11	29	38
DU01	**PB2011_TP37**	**QA4 (dup TP37)**	**28 Jul 2011**	**Field_D**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	13	12	71
DU01	**PB2011_TP37**	**QA4A (trip TP37)**	**28 Jul 2011**	**Interlab_D**	-	-	-	-	-	-	-	<10	<50	<100	<100	-	6	<1	23	19	76
DU01	**PB2011_TP37**	**TP37**	**28 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	1	18	47	110
DU01	**PB2011_TP38**	**TP38**	**28 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	70	<0.5	7	2	7
DU01	**PB2011_TP39**	**TP39**	**28 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	<1	<1	2
DU01	**PB2011_TP40**	**TP40**	**28 Jul 2011**	**Normal**	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	<1	<1	1
DU01	**TP1A**	**TP1A_0.5_220901**	**01 Sep 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	45	50
DU01	**TP1B**	**TP1B_0.7_220901**	**01 Sep 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	<5
DU01	**TP2A**	**TP2A_0.5_220901**	**01 Sep 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	115	132
DU01	**TP2B**	**QC100_220901**	**01 Sep 2022**	**Field_D**	<10	<10	<50	<50	570	240	810	<10	<50	240	420	660	5	<1	32	174	240

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	<10	<10	<50	<50	450	220	670	<10	<50	210	330	540	<5	<1	17	112	169
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	<10	<10	<50	<50	150	<100	150	<10	<50	<100	<100	<50	9	<1	44	229	207
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	29	173	178
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	39	24	22
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	<10	<10	<50	<50	220	110	330	<10	<50	140	130	270	<5	1	59	552	852
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	8	7
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	36	44
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	49	54
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21	346	316
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	55	60
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	120	143
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	40	439	403
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	48	332	285
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	39	296	298
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	18	93	255
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	15	35	49
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18	140	113
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	31	47
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	6	6
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21	61	89
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	54	56
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	<10	<10	<50	<50	180	<100	180	<10	<50	110	<100	110	<5	<1	14	45	42
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	58	60
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	20	117	82
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	25	20
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	3	<5	<5
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	4	<5	<5
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	6	6
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	29	15
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	10	37	79
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	24	25	44
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	63	48
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	18	108	90
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	9	<5
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	4	68	71	287
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	22	23	226
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.7	<0.4	17	59	25
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5	<5
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	<5
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.2	<0.4	19	120	66
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	<5	<5	<5
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	<5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	**WSP2025j_PMW117**	**PMW117-0.1**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.7	<0.4	6.2	5.9	<5
DU01	**WSP2025j_PMW117**	**PMW117-0.5**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	11	<0.4	<5	<5	<5
DU01	**WSP2025j_PMW117**	**PMW117-2.0**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	<0.4	<5	<5	<5
DU01	**WSP2025j_PMW117**	**QC200**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**QC201**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**RPIP_TP1_2.0M_250124**	**24 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	<5
RPIP	**RPIP_TP01**	**RPIP_TP1_3.0M_250124**	**24 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP02**	**RPIP_TP2_2.0M_250124**	**24 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	116	799	676
RPIP	**RPIP_TP02**	**RPIP_TP2_3.0M_250124**	**24 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP03**	**RPIP_TP3_2.0M_250124**	**24 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
RPIP	**RPIP_TP03**	**RPIP_TP3_3.0M_250124**	**24 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP04**	**RPIP_TP4_2.0M_250124**	**24 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
RPIP	**RPIP_TP04**	**RPIP_TP4_3.0M_250124**	**25 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_2.0_250129**	**29 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_3.0_250129**	**29 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	10	<1	19	10	23
RPIP	**RPIP_TP06**	**RPIP_TP6_2.0_250129**	**29 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
RPIP	**RPIP_TP06**	**RPIP_TP6_3.0_250129**	**29 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP07**	**RPIP_TP7_2.0_250129**	**29 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	29	<1	11	<5	<5
RPIP	**RPIP_TP07**	**RPIP_TP7_3.0_250129**	**29 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP08**	**RPIP_TP8_2.0_250129**	**30 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
RPIP	**RPIP_TP08**	**RPIP_TP8_2.5_250130**	**30 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP09**	**RPIP_TP9_2.0_250130**	**30 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
RPIP	**RPIP_TP09**	**RPIP_TP9_2.7_250130**	**30 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP12**	**RPIP_TP12_2.0_250130**	**30 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
RPIP	**RPIP_TP12**	**RPIP_TP12_2.7_250130**	**30 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_2.0_2025131**	**31 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_3.0_2025131**	**31 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.0_20250131**	**31 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.6_20250131**	**31 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

												Monocyclic Aromatic Hydrocarbons							
	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)				**430**	**99,000**	**27,000**			**81,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)				*1,100*	*120,000*	*85,000*			*130,000*								

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	0	11	390	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	0	11	260	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	1	16	1,300	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	<0.1	28	4,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	<0.1	44	680	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	0	13	470	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	<0.1	8	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	<0.1	8	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	0	12	78	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	0	8	280	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	<0.1	6	600	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	0	15	720	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	0	13	370	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	<0.1	4	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	0	26	510	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	0	4	25	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	<0.1	4	220	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	0	12	360	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	<0.1	9	370	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	<0.1	16	76	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	<0.1	13	113	<0.2	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	<0.1	10	270	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	0	11	710	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	<0.1	15	290	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	<0.1	8	220	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	<0.1	5	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	<0.1	31	7,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	0	11	730	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	1	22	1,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	1	21	330	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	0	11	440	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	<0.1	11	550	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	<0.1	10	390	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	<0.1	20	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	<0.1	7	58	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	<0.1	2	46	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	<0.1	20	2,500	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	0	5	200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	0	2	10	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	<0.1	1	2	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	0	13	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	<0.1	9	210	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	<0.1	13	354	<0.2	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	<0.1	16	320	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	<0.1	2	18	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	<0.1	<1	8	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	<0.1	<1	<1	<0.2	<0.5	<1	<2	<1	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.1	15	81	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.1	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	0.4	11	974	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	0.1	24	1,710	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Monocyclic Aromatic Hydrocarbons														
					Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**430**	**99,000**	**27,000**			**81,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*1,100*	*120,000*	*85,000*			*130,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU01	**TP2B**	**TP2B_0.2_220901**	**01 Sep 2022**	**Normal**	0.1	11	1,010	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3A**	**TP3A_0.4_220901**	**01 Sep 2022**	**Normal**	0.5	17	1,290	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**TP3B_0.0_220902**	**02 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**TP3B_0.2_220902**	**02 Sep 2022**	**Normal**	0.3	24	1,500	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3B**	**TP3B_0.7_220902**	**02 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**TP4A_0.8_220902**	**02 Sep 2022**	**Normal**	0.1	6	107	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4B**	**TP4B_1.2_220902**	**02 Sep 2022**	**Normal**	0.2	44	6,700	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4C**	**TP4C_1.3_220902**	**02 Sep 2022**	**Normal**	<0.1	3	54	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5B**	**TP5B_0.7_220902**	**02 Sep 2022**	**Normal**	<0.1	10	225	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1C**	**TP1C_0.1_220905**	**05 Sep 2022**	**Normal**	0.2	11	352	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1D**	**TP1D_1.9_220905**	**05 Sep 2022**	**Normal**	0.2	17	1,780	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2C**	**TP2C_0.1_220905**	**05 Sep 2022**	**Normal**	<0.1	7	484	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2D**	**TP2D_1.8_220905**	**05 Sep 2022**	**Normal**	<0.1	6	1,480	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3C**	**TP3C_0.1_220905**	**05 Sep 2022**	**Normal**	0.7	23	2,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3D**	**TP3D_0.1_220905**	**05 Sep 2022**	**Normal**	0.4	26	2,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4D**	**TP4D_1.9_220905**	**05 Sep 2022**	**Normal**	0.2	20	2,010	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1E**	**TP1E_0.1_220906**	**06 Sep 2022**	**Normal**	0.1	16	418	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2E**	**TP2E_2.0_220906**	**06 Sep 2022**	**Normal**	0.1	17	316	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3E**	**TP3E_1.0_220906**	**06 Sep 2022**	**Normal**	0.2	19	764	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4E**	**TP4E_0.4_220906**	**06 Sep 2022**	**Normal**	<0.1	7	303	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5C**	**TP5C_0.8_220906**	**06 Sep 2022**	**Normal**	<0.1	4	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5D**	**TP5D_0.1_220906**	**06 Sep 2022**	**Normal**	0.2	11	849	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1F**	**TP1F_0.1_220907**	**07 Sep 2022**	**Normal**	0.3	18	303	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2F**	**TP2F_1.0_220907**	**07 Sep 2022**	**Normal**	0.1	27	223	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3F**	**TP3F_1.0_220907**	**07 Sep 2022**	**Normal**	0.1	13	403	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4F**	**TP4F_1.0_220907**	**07 Sep 2022**	**Normal**	0.1	16	574	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5E**	**TP5E_1.0_220907**	**07 Sep 2022**	**Normal**	<0.1	11	72	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1G**	**TP1G_0.1_220908**	**08 Sep 2022**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1H**	**TP1H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.1	2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2G**	**TP2G_0.6_220908**	**08 Sep 2022**	**Normal**	<0.1	3	31	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2H**	**TP2H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.1	<2	8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3G**	**TP3G_0.4_220908**	**08 Sep 2022**	**Normal**	0.2	35	71	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3H**	**TP3H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.1	14	212	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4G**	**TP4G_0.5_220908**	**08 Sep 2022**	**Normal**	<0.1	16	202	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4I**	**TP4I_0.1_220908**	**08 Sep 2022**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5F**	**TP5F_0.1_220908**	**08 Sep 2022**	**Normal**	<0.1	12	329	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5G**	**TP5G_0.1_220908**	**08 Sep 2022**	**Normal**	0.2	25	473	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP1I**	**TP1I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.1	8	12	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP2I**	**TP2I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP3I**	**TP3I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4H**	**TP4H_0.1_220909**	**09 Sep 2022**	**Normal**	<0.1	36	694	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP4H**	**TP4H_0.1_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**TP4H_1.0_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**TP5H_0.1_220909**	**09 Sep 2022**	**Normal**	<0.1	7	149	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	**TP5H**	**TP5H_0.1_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**PMW115-0.1**	**20 Jan 2025**	**Normal**	<0.1	17	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**PMW115-0.5**	**20 Jan 2025**	**Normal**	<0.1	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**PMW115-1.0**	**20 Jan 2025**	**Normal**	<0.1	<5	11	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**PMW116-0.1**	**20 Jan 2025**	**Normal**	2.4	20	420	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**PMW116-0.5**	**20 Jan 2025**	**Normal**	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW116**	**PMW116-2.0**	**20 Jan 2025**	**Normal**	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

												Monocyclic Aromatic Hydrocarbons								
					Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)								**430**	**99,000**	**27,000**			**81,000**							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)								*1,100*	*120,000*	*85,000*			*130,000*							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU01	**WSP2025j_PMW117**	**PMW117-0.1**	**21 Jan 2025**	**Normal**	<0.1	5.6	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**PMW117-0.5**	**21 Jan 2025**	**Normal**	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**PMW117-2.0**	**21 Jan 2025**	**Normal**	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**QC200**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**QC201**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**RPIP_TP1_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.1	<2	28	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**RPIP_TP1_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**RPIP_TP2_2.0M_250124**	**24 Jan 2025**	**Normal**	0.1	68	7,490	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**RPIP_TP2_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**RPIP_TP3_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.1	<2	15	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**RPIP_TP3_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**RPIP_TP4_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**RPIP_TP4_3.0M_250124**	**25 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_2.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_3.0_250129**	**29 Jan 2025**	**Normal**	<0.1	4	41	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**RPIP_TP6_2.0_250129**	**29 Jan 2025**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP06**	**RPIP_TP6_3.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**RPIP_TP7_2.0_250129**	**29 Jan 2025**	**Normal**	<0.1	4	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**RPIP_TP7_3.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**RPIP_TP8_2.0_250129**	**30 Jan 2025**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**RPIP_TP8_2.5_250130**	**30 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**RPIP_TP9_2.0_250130**	**30 Jan 2025**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**RPIP_TP9_2.7_250130**	**30 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**RPIP_TP12_2.0_250130**	**30 Jan 2025**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**RPIP_TP12_2.7_250130**	**30 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_2.0_2025131**	**31 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_3.0_2025131**	**31 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.0_20250131**	**31 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.6_20250131**	**31 Jan 2025**	**Normal**	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																			Polynuclear Arom
							1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													**11,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)									*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	0.2	0.5	0.3
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	0.1	<0.1
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	0.2	0.1
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	0.1	<0.1
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	0.1	0.2	<0.1
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	0.2	0.7	0.3
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	0.2	0.3	0.2
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	0.2	<0.1
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	0.3	0.2
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	0.6	2.4	1.2
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																				Polynuclear Arom
					1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**11,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	-	-	<0.5	1.1	0.8	1.4	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	1.1	<0.5
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																						Polynuclear Arom
					1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**11,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	**WSP2025j_PMW117**	**PMW117-0.1**	**21 Jan 2025**	**Normal**	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**PMW117-0.5**	**21 Jan 2025**	**Normal**	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**PMW117-2.0**	**21 Jan 2025**	**Normal**	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**QC200**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**QC201**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**RPIP_TP1_2.0M_250124**	**24 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP01**	**RPIP_TP1_3.0M_250124**	**24 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**RPIP_TP2_2.0M_250124**	**24 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP02**	**RPIP_TP2_3.0M_250124**	**24 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**RPIP_TP3_2.0M_250124**	**24 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP03**	**RPIP_TP3_3.0M_250124**	**24 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**RPIP_TP4_2.0M_250124**	**24 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP04**	**RPIP_TP4_3.0M_250124**	**25 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_2.0_250129**	**29 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_3.0_250129**	**29 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP06**	**RPIP_TP6_2.0_250129**	**29 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP06**	**RPIP_TP6_3.0_250129**	**29 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**RPIP_TP7_2.0_250129**	**29 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP07**	**RPIP_TP7_3.0_250129**	**29 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**RPIP_TP8_2.0_250129**	**30 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP08**	**RPIP_TP8_2.5_250130**	**30 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**RPIP_TP9_2.0_250130**	**30 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP09**	**RPIP_TP9_2.7_250130**	**30 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**RPIP_TP12_2.0_250130**	**30 Jan 2025**	**Normal**	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
RPIP	**RPIP_TP12**	**RPIP_TP12_2.7_250130**	**30 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_2.0_2025131**	**31 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_3.0_2025131**	**31 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.0_20250131**	**31 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.6_20250131**	**31 Jan 2025**	**Normal**	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					atic Hydrocarbons																	
					Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.4	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	<0.2	-	-	-	-	0.09	<0.1	0.1	-	<0.1	<0.1	<0.1	0.19	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	0.5	-	-	-	-	0.28	0.3	0.5	-	0.2	<0.1	0.2	2.98	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	0.5	-	<0.1	<0.1	<0.1	0.6	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	<0.2	-	-	-	-	0.08	0.1	0.2	-	<0.1	<0.1	<0.1	0.68	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	<0.5	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	0.1	-	<0.1	<0.1	<0.1	0.2	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	<0.2	-	-	-	-	0.06	<0.1	0.2	-	<0.1	<0.1	<0.1	0.56	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	0.4	-	-	-	-	0.24	0.3	0.7	-	0.1	<0.1	0.2	3.14	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	0.4	-	-	-	-	0.32	0.2	0.4	-	0.2	<0.1	0.2	2.42	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	<0.2	-	-	-	-	0.09	0.1	0.2	-	<0.1	<0.1	<0.1	0.59	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	<0.2	-	-	-	-	0.07	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.07	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	0.3	-	-	-	-	0.13	0.2	0.3	-	<0.1	<0.1	0.1	1.53	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	1.9	-	-	-	-	1.2	1.1	2.5	-	0.7	<0.5	0.5	12.1	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	<0.2	-	-	-	-	0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.05	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					atic Hydrocarbons																
					Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.4	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	0.6	-	<0.5	-	-	-	0.7	0.6	1.4	-	0.6	<0.5	<0.5	5.0	<0.4	<0.5	<0.5
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					atic Hydrocarbons																	
					Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.4	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	**WSP2025j_PMW117**	**PMW117-0.1**	**21 Jan 2025**	**Normal**	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**PMW117-0.5**	**21 Jan 2025**	**Normal**	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**PMW117-2.0**	**21 Jan 2025**	**Normal**	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5
DU01	**WSP2025j_PMW117**	**QC200**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW117**	**QC201**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP01**	**RPIP_TP1_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
RPIP	**RPIP_TP01**	**RPIP_TP1_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP02**	**RPIP_TP2_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
RPIP	**RPIP_TP02**	**RPIP_TP2_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP03**	**RPIP_TP3_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
RPIP	**RPIP_TP03**	**RPIP_TP3_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP04**	**RPIP_TP4_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
RPIP	**RPIP_TP04**	**RPIP_TP4_3.0M_250124**	**25 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_2.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP05**	**RPIP_TP5_3.0_250129**	**29 Jan 2025**	**Normal**	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP06**	**RPIP_TP6_2.0_250129**	**29 Jan 2025**	**Normal**	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP06**	**RPIP_TP6_3.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP07**	**RPIP_TP7_2.0_250129**	**29 Jan 2025**	**Normal**	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP07**	**RPIP_TP7_3.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP08**	**RPIP_TP8_2.0_250129**	**30 Jan 2025**	**Normal**	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP08**	**RPIP_TP8_2.5_250130**	**30 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP09**	**RPIP_TP9_2.0_250130**	**30 Jan 2025**	**Normal**	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP09**	**RPIP_TP9_2.7_250130**	**30 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP12**	**RPIP_TP12_2.0_250130**	**30 Jan 2025**	**Normal**	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	**RPIP_TP12**	**RPIP_TP12_2.7_250130**	**30 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_2.0_2025131**	**31 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP10**	**RPIP_TP10_3.0_2025131**	**31 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.0_20250131**	**31 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.6_20250131**	**31 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds														
					2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds															
					2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds														
					2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Other	Landfill Gas	NA		Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds					
						Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl
						mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						20	0.001		0.005	0.002	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Other	Landfill Gas	NA		Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds					
					Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl
					mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	0.001		0.005	0.002	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	1[#2]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	1[#3]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	0.4	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	1[#4]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	1[#5]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	1[#6]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Other	Landfill Gas	NA		Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds					
						Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl
						mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						20	0.001		0.005	0.002	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	<20	-	-	-	-	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																		Organophosphor	
						Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																			Organophosphor
						Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																		Organophosphor	
							Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal			<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal			<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal			<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal			-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)														
					Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.2	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)														
					Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.2	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	**TP2B**	**TP2B_0.2_220901**	**01 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3A**	**TP3A_0.4_220901**	**01 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3B**	**TP3B_0.0_220902**	**02 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**TP3B_0.2_220902**	**02 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3B**	**TP3B_0.7_220902**	**02 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**TP4A_0.8_220902**	**02 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4B**	**TP4B_1.2_220902**	**02 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4C**	**TP4C_1.3_220902**	**02 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP5B**	**TP5B_0.7_220902**	**02 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP1C**	**TP1C_0.1_220905**	**05 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP1D**	**TP1D_1.9_220905**	**05 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP2C**	**TP2C_0.1_220905**	**05 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP2D**	**TP2D_1.8_220905**	**05 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3C**	**TP3C_0.1_220905**	**05 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3D**	**TP3D_0.1_220905**	**05 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4D**	**TP4D_1.9_220905**	**05 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP1E**	**TP1E_0.1_220906**	**06 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP2E**	**TP2E_2.0_220906**	**06 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3E**	**TP3E_1.0_220906**	**06 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4E**	**TP4E_0.4_220906**	**06 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP5C**	**TP5C_0.8_220906**	**06 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP5D**	**TP5D_0.1_220906**	**06 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP1F**	**TP1F_0.1_220907**	**07 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP2F**	**TP2F_1.0_220907**	**07 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3F**	**TP3F_1.0_220907**	**07 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4F**	**TP4F_1.0_220907**	**07 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP5E**	**TP5E_1.0_220907**	**07 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP1G**	**TP1G_0.1_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP1H**	**TP1H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP2G**	**TP2G_0.6_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP2H**	**TP2H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3G**	**TP3G_0.4_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3H**	**TP3H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4G**	**TP4G_0.5_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4I**	**TP4I_0.1_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP5F**	**TP5F_0.1_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP5G**	**TP5G_0.1_220908**	**08 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP1I**	**TP1I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP2I**	**TP2I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP3I**	**TP3I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4H**	**TP4H_0.1_220909**	**09 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP4H**	**TP4H_0.1_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**TP4H_1.0_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**TP5H_0.1_220909**	**09 Sep 2022**	**Normal**	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
DU01	**TP5H**	**TP5H_0.1_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**PMW115-0.1**	**20 Jan 2025**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	**WSP2025j_PMW115**	**PMW115-0.5**	**20 Jan 2025**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	**WSP2025j_PMW115**	**PMW115-1.0**	**20 Jan 2025**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	**WSP2025j_PMW116**	**PMW116-0.1**	**20 Jan 2025**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	**WSP2025j_PMW116**	**PMW116-0.5**	**20 Jan 2025**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	**WSP2025j_PMW116**	**PMW116-2.0**	**20 Jan 2025**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																
					Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.2	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal		-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal		-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal		-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal		-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal		-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal		-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal		-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																
					DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	<1.0	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aromatic Compounds																
					Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5	5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aromatic Compounds															
					Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5	5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aromatic Compounds															
					Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5	5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds															
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds															
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds															
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Trihalomethanes						Fumigants					Oxygenated Compounds				Physio-Chemical Parameters	
					1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.9	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	31.3	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	18.2	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	23.8	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Trihalomethanes				Fumigants					Oxygenated Compounds				Physio-Chemical Parameters	
					1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	**TP2B**	**TP2B_0.2_220901**	**01 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	25.6	-
DU01	**TP3A**	**TP3A_0.4_220901**	**01 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.7	-
DU01	**TP3B**	**TP3B_0.0_220902**	**02 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP3B**	**TP3B_0.2_220902**	**02 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	17.3	-
DU01	**TP3B**	**TP3B_0.7_220902**	**02 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4A**	**TP4A_0.8_220902**	**02 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.6	-
DU01	**TP4B**	**TP4B_1.2_220902**	**02 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	14.7	-
DU01	**TP4C**	**TP4C_1.3_220902**	**02 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	22.8	-
DU01	**TP5B**	**TP5B_0.7_220902**	**02 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	18.9	-
DU01	**TP1C**	**TP1C_0.1_220905**	**05 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.7	-
DU01	**TP1D**	**TP1D_1.9_220905**	**05 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	5.9	-
DU01	**TP2C**	**TP2C_0.1_220905**	**05 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.5	-
DU01	**TP2D**	**TP2D_1.8_220905**	**05 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	5.1	-
DU01	**TP3C**	**TP3C_0.1_220905**	**05 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.0	-
DU01	**TP3D**	**TP3D_0.1_220905**	**05 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.6	-
DU01	**TP4D**	**TP4D_1.9_220905**	**05 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.2	-
DU01	**TP1E**	**TP1E_0.1_220906**	**06 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.5	-
DU01	**TP2E**	**TP2E_2.0_220906**	**06 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	22.5	-
DU01	**TP3E**	**TP3E_1.0_220906**	**06 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.0	-
DU01	**TP4E**	**TP4E_0.4_220906**	**06 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.2	-
DU01	**TP5C**	**TP5C_0.8_220906**	**06 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	16.4	-
DU01	**TP5D**	**TP5D_0.1_220906**	**06 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	21.8	-
DU01	**TP1F**	**TP1F_0.1_220907**	**07 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.4	-
DU01	**TP2F**	**TP2F_1.0_220907**	**07 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	19.8	-
DU01	**TP3F**	**TP3F_1.0_220907**	**07 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	6.5	-
DU01	**TP4F**	**TP4F_1.0_220907**	**07 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.2	-
DU01	**TP5E**	**TP5E_1.0_220907**	**07 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.6	-
DU01	**TP1G**	**TP1G_0.1_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	7.3	-
DU01	**TP1H**	**TP1H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.8	-
DU01	**TP2G**	**TP2G_0.6_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.8	-
DU01	**TP2H**	**TP2H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.1	-
DU01	**TP3G**	**TP3G_0.4_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.5	-
DU01	**TP3H**	**TP3H_0.1_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.0	-
DU01	**TP4G**	**TP4G_0.5_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	19.1	-
DU01	**TP4I**	**TP4I_0.1_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	7.6	-
DU01	**TP5F**	**TP5F_0.1_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	16.4	-
DU01	**TP5G**	**TP5G_0.1_220908**	**08 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.4	-
DU01	**TP1I**	**TP1I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.9	-
DU01	**TP2I**	**TP2I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.5	-
DU01	**TP3I**	**TP3I_0.1_220909**	**09 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	24.8	-
DU01	**TP4H**	**TP4H_0.1_220909**	**09 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	16.7	-
DU01	**TP4H**	**TP4H_0.1_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP4H**	**TP4H_1.0_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**TP5H**	**TP5H_0.1_220909**	**09 Sep 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	20.1	-
DU01	**TP5H**	**TP5H_0.1_220909**	**09 Sep 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	**WSP2025j_PMW115**	**PMW115-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
DU01	**WSP2025j_PMW115**	**PMW115-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
DU01	**WSP2025j_PMW115**	**PMW115-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
DU01	**WSP2025j_PMW116**	**PMW116-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8
DU01	**WSP2025j_PMW116**	**PMW116-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
DU01	**WSP2025j_PMW116**	**PMW116-2.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Trihalomethanes						Fumigants					Oxygenated Compounds				Physio-Chemical Parameters	
					1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	**WSP2025j_PMW117**	**PMW117-0.1**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
DU01	**WSP2025j_PMW117**	**PMW117-0.5**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
DU01	**WSP2025j_PMW117**	**PMW117-2.0**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
DU01	**WSP2025j_PMW117**	**QC200**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
DU01	**WSP2025j_PMW117**	**QC201**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6
RPIP	**RPIP_TP01**	**RPIP_TP1_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	25.0	-
RPIP	**RPIP_TP01**	**RPIP_TP1_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.7	-
RPIP	**RPIP_TP02**	**RPIP_TP2_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	22.0	-
RPIP	**RPIP_TP02**	**RPIP_TP2_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.9	-
RPIP	**RPIP_TP03**	**RPIP_TP3_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	25.7	-
RPIP	**RPIP_TP03**	**RPIP_TP3_3.0M_250124**	**24 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0	-
RPIP	**RPIP_TP04**	**RPIP_TP4_2.0M_250124**	**24 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	16.9	-
RPIP	**RPIP_TP04**	**RPIP_TP4_3.0M_250124**	**25 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.7	-
RPIP	**RPIP_TP05**	**RPIP_TP5_2.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0	-
RPIP	**RPIP_TP05**	**RPIP_TP5_3.0_250129**	**29 Jan 2025**	**Normal**	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	13.8	-
RPIP	**RPIP_TP06**	**RPIP_TP6_2.0_250129**	**29 Jan 2025**	**Normal**	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	21.3	-
RPIP	**RPIP_TP06**	**RPIP_TP6_3.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	-
RPIP	**RPIP_TP07**	**RPIP_TP7_2.0_250129**	**29 Jan 2025**	**Normal**	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	43.7	-
RPIP	**RPIP_TP07**	**RPIP_TP7_3.0_250129**	**29 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.4	-
RPIP	**RPIP_TP08**	**RPIP_TP8_2.0_250129**	**30 Jan 2025**	**Normal**	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	20.6	-
RPIP	**RPIP_TP08**	**RPIP_TP8_2.5_250130**	**30 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.9	-
RPIP	**RPIP_TP09**	**RPIP_TP9_2.0_250130**	**30 Jan 2025**	**Normal**	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	24.2	-
RPIP	**RPIP_TP09**	**RPIP_TP9_2.7_250130**	**30 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.7	-
RPIP	**RPIP_TP12**	**RPIP_TP12_2.0_250130**	**30 Jan 2025**	**Normal**	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	21.4	-
RPIP	**RPIP_TP12**	**RPIP_TP12_2.7_250130**	**30 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.2	-
RPIP	**RPIP_TP10**	**RPIP_TP10_2.0_2025131**	**31 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	10.0	-
RPIP	**RPIP_TP10**	**RPIP_TP10_3.0_2025131**	**31 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.2	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.0_20250131**	**31 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	19.6	-
RPIP	**RPIP_TP11**	**RPIP_TP11_2.6_20250131**	**31 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.3	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenoxyacetic Acid Herbicides								Carbamates	Fungicides								
					2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenoxyacetic Acid Herbicides								Carbamates	Fungicides							
					2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenoxyacetic Acid Herbicides								Carbamates	Fungicides							
					2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	-	-	-	-	<0.04[#7]
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	-	-	-	-	<0.04[#7]
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	-	-	-	-	<0.04[#7]
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	-	-	-	-	<0.04[#7]
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Herbicides														
					2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Herbicides															
					2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Herbicides														
					2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	<0.04[#7]	-	-	-	-	-	<0.04[#7]	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	<0.04[#7]	-	-	-	-	-	<0.04[#7]	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	<0.04[#7]	-	-	-	-	-	<0.04[#7]	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	<0.04[#7]	<0.04[#7]	<0.04[#7]	-	-	-	-	<0.04[#7]	-	-	-	-	-	<0.04[#7]	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

			Organic	Pesticides								Multi-Residue Pesticides	Un-assigned
	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol	Paclobutrazol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													

Monitoring Zone	Location Code	Field ID	Date	Sample Type													
DU01	PB2011_TP1	TP1	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	TP2	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	TP3	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	TP4	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	TP5	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	TP6	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	TP7	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	QA1 (dup TP08)	25 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	TP8	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	TP9	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	TP10	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	TP11	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	TP12	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	TP13	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	TP14	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	TP15	25 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	TP16	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	TP17	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	TP18	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2 (dup TP19)	26 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	QA2A (trip TP19)	26 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	TP19	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	TP20	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	TP21	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	TP22	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	TP23	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	TP24	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	TP25	26 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	TP26	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	TP27	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	TP28	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	QA3 (dup TP29)	27 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	TP29	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	TP30	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	TP31	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	TP32	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	TP33	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	TP34	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	TP35	27 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	TP36	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4 (dup TP37)	28 Jul 2011	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	QA4A (trip TP37)	28 Jul 2011	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	TP37	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	TP38	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	TP39	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	TP40	28 Jul 2011	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1A	TP1A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1B	TP1B_0.7_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2A	TP2A_0.5_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	QC100_220901	01 Sep 2022	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

			Organic	Pesticides								Multi-Residue Pesticides	Un-assigned
	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol	Paclobutrazol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													

Monitoring Zone	Location Code	Field ID	Date	Sample Type													
DU01	TP2B	TP2B_0.2_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	TP3A_0.4_220901	01 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.0_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	TP3B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	TP4A_0.8_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	TP4B_1.2_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	TP4C_1.3_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	TP5B_0.7_220902	02 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	TP1C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	TP1D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	TP2C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	TP2D_1.8_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	TP3C_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	TP3D_0.1_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	TP4D_1.9_220905	05 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	TP1E_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	TP2E_2.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	TP3E_1.0_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	TP4E_0.4_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	TP5C_0.8_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	TP5D_0.1_220906	06 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	TP1F_0.1_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	TP2F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	TP3F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	TP4F_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	TP5E_1.0_220907	07 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	TP1G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	TP1H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	TP2G_0.6_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	TP2H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	TP3G_0.4_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	TP3H_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	TP4G_0.5_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	TP4I_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	TP5F_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	TP5G_0.1_220908	08 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	TP1I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	TP2I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	TP3I_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	TP4H_1.0_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	TP5H_0.1_220909	09 Sep 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	PMW115-1.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.1	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-0.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	PMW116-2.0	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1c: Soil Analytical Results – Direct Contact and Management Screening

			Organic	Pesticides								Multi-Residue Pesticides	Un-assigned
	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol	Paclobutrazol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													

Monitoring Zone	Location Code	Field ID	Date	Sample Type													
DU01	WSP2025j_PMW117	PMW117-0.1	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-0.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	PMW117-2.0	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC200	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	QC201	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	RPIP_TP1_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	RPIP_TP2_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	RPIP_TP3_3.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_2.0M_250124	24 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	RPIP_TP4_3.0M_250124	25 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	RPIP_TP5_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	RPIP_TP6_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_2.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	RPIP_TP7_3.0_250129	29 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.0_250129	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	RPIP_TP8_2.5_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	RPIP_TP9_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.0_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	RPIP_TP12_2.7_250130	30 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_2.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	RPIP_TP10_3.0_2025131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.0_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	RPIP_TP11_2.6_20250131	31 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to
#7 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																	160[#1]		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil						215[#2]	170[#3]	170[#4]	1,700	3,300									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	18
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	3
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	4
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	<10	<10	<50	<50	570	240	810	<10	<50	240	420	660	5	<1	32
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<10	<10	<50	<50	450	220	670	<10	<50	210	330	540	<5	<1	17
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	15
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<10	<10	<50	<50	180	<100	180	<10	<50	110	<100	110	<5	<1	14
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<10	<10	<50	<50	150	<100	150	<10	<50	<100	<100	<50	9	<1	44
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	29
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	40
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	48
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	10
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	39
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<10	<10	<50	<50	220	110	330	<10	<50	140	130	270	<5	1	59
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	39
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	20
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	24
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	4	68
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	18
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	22
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																	160[#1]		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil						215[#2]	170[#3]	170[#4]	1,700	3,300									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	<10	<10	<50	<50	160	<100	160	<10	<50	<100	120	120	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	<10	<10	<50	<50	1,340	2,150	3,490	<10	<50	430	1,520	1,950	<5	<1	14
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	9
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	36
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	13	1	96
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	<25	<50	130	<100	130	<4	<0.5	22
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	4
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	6
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	16
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	14
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	16
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	4
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	5
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	13
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	<10	<50	<100	<100	-	<5	<1	10
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	<0.5	18
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	7
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	7
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	27	<0.5	80
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	26
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	14
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	<0.5	18
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	15
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	15
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	12

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																	160[#1]		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil						215[#2]	170[#3]	170[#4]	1,700	3,300									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	3
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	4	<0.5	45
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	12
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	3
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	8	<0.5	4
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	11
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	<25	<50	<100	<100	-	6	<0.5	13
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	<10	<50	<100	<100	-	6	<1	23
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	5	1	18
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	70	<0.5	7
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	<1
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	<25	<50	<100	<100	-	<4	<0.5	<1
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.7	<0.4	17
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.1	<0.4	<5
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.2	<0.4	19
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	<5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.7	<0.4	6.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	11	<0.4	<5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	<0.4	<5
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	116
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	10	<1	19
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	29	<1	11
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind													160[#1]		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil		215[#2]	170[#3]	170[#4]	1,700	3,300									

Monitoring Zone **Location Code** **Date** **Field ID** **Sample Type**

#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Metals					Monocyclic Aromatic Hydrocarbons									
					Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil										75	135	165			180				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	45	50	<0.1	15	81	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<5	<5	<0.1	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	49	54	0.2	11	352	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	346	316	0.2	17	1,780	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	93	255	0.1	16	418	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	54	56	0.3	18	303	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<5	<5	<0.1	2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	9	<5	<0.1	8	12	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	115	132	0.4	11	974	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	174	240	0.1	24	1,710	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	112	169	0.1	11	1,010	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	55	60	<0.1	7	484	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	120	143	<0.1	6	1,480	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	35	49	0.1	17	316	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	45	42	0.1	27	223	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	6	6	<0.1	3	31	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<5	<5	<0.1	<2	8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	229	207	0.5	17	1,290	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	173	178	0.3	24	1,500	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	439	403	0.7	23	2,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	332	285	0.4	26	2,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	140	113	0.2	19	764	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	58	60	0.1	13	403	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	29	15	0.2	35	71	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	37	79	<0.1	14	212	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	24	22	0.1	6	107	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	552	852	0.2	44	6,700	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	8	7	<0.1	3	54	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	296	298	0.2	20	2,010	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	31	47	<0.1	7	303	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	117	82	0.1	16	574	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	25	44	<0.1	16	202	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	71	287	<0.1	36	694	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	36	44	<0.1	10	225	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	6	6	<0.1	4	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	61	89	0.2	11	849	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	25	20	<0.1	11	72	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	63	48	<0.1	12	329	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	108	90	0.2	25	473	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	23	226	<0.1	7	149	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Metals					Monocyclic Aromatic Hydrocarbons									
					Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil										75	135	165			180				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	104	6	<0.1	15	89	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	10	10	0.1	2	73	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	7	14	<0.1	<2	107	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	156	94	<0.1	10	906	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	17	10	0.1	8	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	6	7	<0.1	<2	45	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	<5	<5	<0.1	<2	9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	6	22	<0.1	189	20	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	130	70	0	11	390	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	24	21	0	11	260	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	230	180	1	16	1,300	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	1,200	670	<0.1	28	4,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	130	95	<0.1	44	680	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	68	54	0	13	470	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	19	12	<0.1	8	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	42	14	<0.1	8	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	44	12	0	12	78	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	48	36	0	8	280	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	56	76	<0.1	6	600	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	100	100	0	15	720	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	76	52	0	13	370	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	22	19	<0.1	4	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	98	80	0	26	510	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	6	4	0	4	25	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	25	23	<0.1	4	220	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	74	57	0	12	360	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	67	43	<0.1	9	370	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	32	15	<0.1	16	76	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	61	45	<0.1	13	113	<0.2	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	78	43	<0.1	10	270	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	330	110	0	11	710	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	66	42	<0.1	15	290	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	51	38	<0.1	8	220	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	20	19	<0.1	5	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	3,900	1,200	<0.1	31	7,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	95	120	0	11	730	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	170	190	1	22	1,200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	65	51	1	21	330	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	60	57	0	11	440	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	100	72	<0.1	11	550	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	79	56	<0.1	10	390	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	39	23	<0.1	20	110	<0.2	<0.5	<1	<2	<1	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Metals					Monocyclic Aromatic Hydrocarbons									
					Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil										75	135	165			180				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	9	16	<0.1	7	58	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	4	200	<0.1	2	46	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	250	310	<0.1	20	2,500	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	40	42	0	5	200	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	2	5	0	2	10	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	<1	1	<0.1	1	2	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	29	38	0	13	130	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	12	71	<0.1	9	210	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	19	76	<0.1	13	354	<0.2	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	47	110	<0.1	16	320	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	2	7	<0.1	2	18	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	<1	2	<0.1	<1	8	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	<1	1	<0.1	<1	<1	<0.2	<0.5	<1	<2	<1	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	59	25	<0.1	17	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<5	<5	<0.1	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<5	<5	<0.1	<5	11	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	120	66	2.4	20	420	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	5.9	<5	<0.1	5.6	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<5	<5	<0.1	<2	28	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	799	676	0.1	68	7,490	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<5	<5	<0.1	<2	15	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	10	23	<0.1	4	41	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<5	<5	<0.1	4	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Metals					Monocyclic Aromatic Hydrocarbons									
	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil						75	135	165			180				

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															370				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															370				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	<0.5	<0.5
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1

DU01 - 1d: Soil Analytical Results – Ecological Screening

					p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															370				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	<0.5	<0.5
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	<0.5	1.1	0.8	1.4	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	<0.5	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind											370				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Polynuclear Aromatic Hydrocarbons												
					Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	1	0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind							370												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																	1.4		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Polynuclear Aromatic Hydrocarbons													
					Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	1	0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind							370												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																	1.4		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	0.09	<0.1	0.1
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	<0.1	<0.1	-	0.2	0.5	0.3	-	0.5	-	-	-	-	0.28	0.3	0.5
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	<0.1	<0.1	-	<0.1	0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	0.5
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	<0.1	<0.1	-	<0.1	0.2	0.1	-	<0.2	-	-	-	-	0.08	0.1	0.2
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	<0.5	<0.5	<0.5
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	<0.1	<0.1	-	<0.1	0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	0.1
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	<0.1	<0.1	-	0.1	0.2	<0.1	-	<0.2	-	-	-	-	0.06	<0.1	0.2
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	<0.1	<0.1	-	0.2	0.7	0.3	-	0.4	-	-	-	-	0.24	0.3	0.7
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	<0.1	<0.1	-	0.2	0.3	0.2	-	0.4	-	-	-	-	0.32	0.2	0.4
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	<0.1	<0.1	-	<0.1	0.2	<0.1	-	<0.2	-	-	-	-	0.09	0.1	0.2
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1

DU01 - 1d: Soil Analytical Results – Ecological Screening

						Polynuclear Aromatic Hydrocarbons													
						Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.1	1	0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind								370												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																		1.4		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	0.07	<0.1	<0.1
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal		<0.1	<0.1	-	<0.1	0.3	0.2	-	0.3	-	-	-	-	0.13	0.2	0.3
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D		<0.5	<0.5	-	0.6	2.4	1.2	-	1.9	-	-	-	-	1.2	1.1	2.5
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	0.05	<0.1	<0.1
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal		<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.2	-	-	-	-	<0.05	<0.1	<0.1
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal		<0.5	<0.5	-	<0.5	1.1	<0.5	0.6	-	<0.5	-	-	-	0.7	0.6	1.4
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	<0.5	<0.5	<0.5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal		<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Polynuclear Aromatic Hydrocarbons														
	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	1	0.1	0.1	0.1	0.5	0.2	0.5	1	0.5	0.5	0.05	0.1	0.1
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind			370												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil													1.4		

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	Phe 4-Chloro-3-methylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	Phe 4-Chloro-3-methylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	<0.1	<0.1	<0.1	0.19	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	0.2	<0.1	0.2	2.98	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	<0.1	<0.1	<0.1	0.6	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	<0.1	<0.1	<0.1	0.68	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	<0.1	<0.1	<0.1	0.2	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	<0.1	<0.1	<0.1	0.56	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	0.1	<0.1	0.2	3.14	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	0.2	<0.1	0.2	2.42	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	<0.1	<0.1	<0.1	0.59	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	<0.1	<0.1	<0.1	0.07	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	<0.1	<0.1	0.1	1.53	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	0.7	<0.5	0.5	12.1	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	<0.1	<0.1	<0.1	0.05	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	0.6	<0.5	<0.5	5.0	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	Phe 4-Chloro-3-methylphenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.1	0.1	0.1	0.1	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					holic Compounds												Other	Landfill Gas	NA	
					2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg
EQL					0.5	0.5	5	1	5	20	5	20	10	1	20	0.001		0.005	0.002
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1[#18]	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1[#19]	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1[#20]	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1[#21]	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1[#22]	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					holic Compounds											Other	Landfill Gas	NA	
					2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg
EQL					0.5	0.5	5	1	5	20	5	20	10	1	20	0.001		0.005	0.002
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					holic Compounds												Other	Landfill Gas	NA	
					2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg
EQL					0.5	0.5	5	1	5	20	5	20	10	1	20	0.001		0.005	0.002
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	<0.5	<0.5	-	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	<0.5	<0.5	-	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<0.5	<0.5	-	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<0.5	<0.5	-	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<0.5	<0.5	-	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<0.5	<0.5	-	<1	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	holic Compounds											Other	Landfill Gas	NA	
	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	Description	Pyrimethanil_	Cyprodinil
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	mg/kg	mg/kg
EQL	0.5	0.5	5	1	5	20	5	20	10	1	20	0.001		0.005	0.002
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds									
					Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	0.4	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	<0.1	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.05
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds									
					Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds								
					Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<0.1	-	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	<0.1	<2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.05
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Polychlorinated Biphenyls		Chlorinated Hydrocarbons				Sulfonated Compounds									
	Total PCBs	Polychlorinated Biphenyls	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

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DU01 - 1d: Soil Analytical Results – Ecological Screening

	Organophosphorus Pesticides															
	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

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Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					(OP)														
					Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.2
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					(OP)														
					Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.2
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					(OP)														
					Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.2
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	(OP) Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.002	0.002	0.2	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.2
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

						Organochlorine Pesticides (OC)													
						Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind									640											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal		<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Organochlorine Pesticides (OC)														
					Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind								640											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Organochlorine Pesticides (OC)														
					Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind								640											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1.0
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Organochlorine Pesticides (OC)															
	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind				640											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

									Halogenated Aromatic Compounds									
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

									Halogenated Aromatic Compounds									
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

										Halogenated Aromatic Compounds										
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	<0.2	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<0.2	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<0.2	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<0.2	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<0.2	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	-	<0.5	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Halogenated Aromatic Compounds										
	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

																Halogenated Aliphatic Compounds			
						Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal		<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

													Halogenated Aliphatic Compounds				
							Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal			<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal			-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal			-	-	-	-	-	-	-	-	-	-	-

													Halogenated Aliphatic Compounds				
							1,3-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane						
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg						
EQL							0.5	0.5	0.5	0.5	0.5						
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal			<0.5	<0.5	<0.5	<0.5	<0.5						
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal			-	-	-	-	-						
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal			-	-	-	-	-						
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal			-	-	-	-	-						
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal			-	-	-	-	-						
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal			-	-	-	-	-						
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal			-	-	-	-	-						
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal			-	-	-	-	-						
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D			-	-	-	-	-						
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal			-	-	-	-	-						
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal			-	-	-	-	-						
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal			-	-	-	-	-						
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal			-	-	-	-	-						
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal			-	-	-	-	-						
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal			-	-	-	-	-						
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal			-	-	-	-	-						
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal			-	-	-	-	-						
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal			-	-	-	-	-						
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal			-	-	-	-	-						
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal			-	-	-	-	-						
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D			-	-	-	-	-						
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D			-	-	-	-	-						
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal			-	-	-	-	-						
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal			-	-	-	-	-						
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal			-	-	-	-	-						
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal			-	-	-	-	-						
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal			-	-	-	-	-						
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal			-	-	-	-	-						
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal			-	-	-	-	-						
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal			-	-	-	-	-						
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal			-	-	-	-	-						
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal			-	-	-	-	-						
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D			-	-	-	-	-						
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal			-	-	-	-	-						
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal			-	-	-	-	-						

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Halogenated Aliphatic Compounds														
					Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Halogenated Aliphatic Compounds														
	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

																	Trihalomethanes		
				1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

																	Trihalomethanes		
				1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

																	Trihalomethanes		
				1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

													Trihalomethanes			
	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Fumigants					Oxygenated Compounds				Physio-Chemical Parameters		Phenoxyacetic			
					1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	1	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.9	-	-	-	-	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	31.3	-	-	-	-	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.7	-	-	-	-	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	5.9	-	-	-	-	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.5	-	-	-	-	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.4	-	-	-	-	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	7.3	-	-	-	-	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.8	-	-	-	-	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.9	-	-	-	-	-
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	18.2	-	-	-	-	-
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	23.8	-	-	-	-	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	25.6	-	-	-	-	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.5	-	-	-	-	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	5.1	-	-	-	-	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	22.5	-	-	-	-	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	19.8	-	-	-	-	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.8	-	-	-	-	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.1	-	-	-	-	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.5	-	-	-	-	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.7	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	17.3	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.0	-	-	-	-	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.6	-	-	-	-	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.0	-	-	-	-	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	6.5	-	-	-	-	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.5	-	-	-	-	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.0	-	-	-	-	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	24.8	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.6	-	-	-	-	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	14.7	-	-	-	-	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	22.8	-	-	-	-	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.2	-	-	-	-	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.2	-	-	-	-	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.2	-	-	-	-	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	19.1	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	16.7	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	7.6	-	-	-	-	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	18.9	-	-	-	-	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	16.4	-	-	-	-	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	21.8	-	-	-	-	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.6	-	-	-	-	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	16.4	-	-	-	-	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.4	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	20.1	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	3.1	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	1.5	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	14.2	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Fumigants					Oxygenated Compounds				Physio-Chemical Parameters		Phenoxyacetic .			
					1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	1	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	-	-	16.7	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	-	-	15.8	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	-	-	11.1	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	-	-	7.3	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	-	-	10.9	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	-	-	21.0	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	-	-	8.0	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	27.3	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	28.2	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	7.0	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	5.1	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	21.1	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	10.8	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	21.5	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	9.4	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	15.4	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	39.4	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	11.1	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Fumigants					Oxygenated Compounds				Physio-Chemical Parameters		Phenoxyacetic .			
					1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	1	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	27	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	10.6	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	25.0	-	<0.04#23	<0.04#23	<0.04#23	<0.04#23
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	20.7	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	22.0	-	<0.02	<0.02	<0.02	<0.02
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	22.9	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	25.7	-	<0.04#23	<0.04#23	<0.04#23	<0.04#23
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	23.0	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	16.9	-	<0.04#23	<0.04#23	<0.04#23	<0.04#23
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	16.7	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	20.0	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	13.8	-	<0.02	<0.02	<0.02	<0.02
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	21.3	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	11.2	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	43.7	-	<0.04#23	<0.04#23	<0.04#23	<0.04#23
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	19.4	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	20.6	-	<0.02	<0.02	<0.02	<0.02
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	17.9	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	24.2	-	<0.02	<0.02	<0.02	<0.02
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	15.7	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	10.0	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	20.2	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	19.6	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	19.3	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	21.4	-	<0.02	<0.02	<0.02	<0.02
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	21.2	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Fumigants					Oxygenated Compounds				Physio-Chemical Parameters		Phenoxyacetic .			
	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	5	5	5	5	0.1	1	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Acid Herbicides				Carbamates	Fungicides										
					Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyprocona-zole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Acid Herbicides				Carbamates	Fungicides										
					Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Acid Herbicides				Carbamates	Fungicides										
					Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<0.04[#23]	<0.04[#23]	<0.04[#23]	<0.04[#23]	-	-	-	-	-	-	-	-	<0.04[#23]	<0.04[#23]	<0.04[#23]
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<0.04[#23]	<0.04[#23]	<0.04[#23]	<0.04[#23]	-	-	-	-	-	-	-	-	<0.04[#23]	<0.04[#23]	<0.04[#23]
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<0.04[#23]	<0.04[#23]	<0.04[#23]	<0.04[#23]	-	-	-	-	-	-	-	-	<0.04[#23]	<0.04[#23]	<0.04[#23]
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<0.04[#23]	<0.04[#23]	<0.04[#23]	<0.04[#23]	-	-	-	-	-	-	-	-	<0.04[#23]	<0.04[#23]	<0.04[#23]
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Acid Herbicides				Carbamates	Fungicides									
	Fluroxypyr	Mecoprop	Picloram	Triclopyr	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.02	0.02	0.02	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil															

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Herbicides														
					4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Herbicides														
					4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Herbicides														
					4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	<0.04[#23]	-	-	-	-	<0.04[#23]	-	-	-	-	-	<0.04[#23]	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	<0.04[#23]	-	-	-	-	<0.04[#23]	-	-	-	-	-	<0.04[#23]	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	<0.04[#23]	-	-	-	-	<0.04[#23]	-	-	-	-	-	<0.04[#23]	-	-	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	<0.04[#23]	-	-	-	-	<0.04[#23]	-	-	-	-	-	<0.04[#23]	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	<0.02	-	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

	Herbicides															
	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Organic	Pesticides									Multi-Residue Pesticides	Un-assigned
					Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Thiobencarb	Irgarol	Paclobutrazol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU01	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	QC100_220901	Field_D	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.2_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW150	23 Jan 2025	PMW150_0.5_250123	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW151	22 Jan 2025	PMW151_0.0_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Organic	Pesticides										Multi-Residue Pesticides	Un-assigned
					Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Thiobencarb	Terbutryn	Irgarol	Paclobutrazol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.002	0.1	0.001	0.01
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	PMW152	20 Jan 2025	PMW152_0.4_250120	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW154	21 Jan 2025	PMW154_0.9_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.4_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW155	22 Jan 2025	PMW155_0.9_250122	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_0.0_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PMW156	21 Jan 2025	PMW156_1.4_250121	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_250210	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP01	21 Jan 2025	BESS_TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP02	21 Jan 2025	BESS_ TP02_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP04	21 Jan 2025	BESS_TP04_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP06	21 Jan 2025	BESS_TP06_ 0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	20 Jan 2025	BESS_TP07_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP07	21 Jan 2025	BESS_TP07_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP08	20 Jan 2025	BESS_TP08_0.7-0,9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	BESS_TP09	20 Jan 2025	BESS_TP09_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP1	25 Jul 2011	TP1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	QA1 (dup TP08)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2 (dup TP19)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	QA2A (trip TP19)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	QA3 (dup TP29)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1d: Soil Analytical Results – Ecological Screening

					Organic	Pesticides										Multi-Residue Pesticides	Un-assigned
					Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol	Paclobutrazol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind																	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4 (dup TP37)	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	QA4A (trip TP37)	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP04	25 Jan 2025	RPIP_TP4_3.0M_250124	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP06	29 Jan 2025	RPIP_TP6_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.5_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_2.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP10	31 Jan 2025	RPIP_TP10_3.0_2025131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.0_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_2.6_20250131	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.7_250130	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Aged values apply to arsenic contamination present in soil > 2 years. Refer Schedule B5c for < 2 years.

DU01 - 1d: Soil Analytical Results – Ecological Screening

			Organic	Pesticides								Multi-Residue Pesticides	Un-assigned
	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol	Paclobutrazol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.002	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1B(5) Generic EIL - Comm/Ind													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil													

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#2 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction				

#3 Errata 30 April 2014. Naphthalene should not be subtracted from >C
#4 ERRATA Updated 30 April 2014 . Naphthalene should not be subtracted.
#23 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil

DU01 - 1e: Soil Analytical Results – PFAS Screening

					Per- and Pol														
					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]							50				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	<0.0002	-	0.0003	-	0.0021	-	-	<0.001	0.0003	0.0003	0.0004	0.0005	-	-	-	-
	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	<0.0002	-	0.0006	-	0.0026	-	-	<0.001	<0.0002	<0.0002	0.0006	0.0010	-	-	-	-
	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	0.0002	0.0002	-	-	-	-
	TP2B	01 Sep 2022	QC100_220901	Field_D	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	<0.0002	-	0.0004	-	0.0012	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0002	-	-	-	-
	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	0.0005	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	<0.0002	-	<0.0002	-	0.0009	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	<0.0002	-	<0.0002	-	0.0017	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	0.0002	<0.0002	-	-	-	-
	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	<0.0002	-	<0.0002	-	0.0040	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	<0.0002	-	0.0004	-	0.0132	-	-	<0.001	<0.0002	<0.0002	0.0004	0.0004	-	-	-	-
	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0002	-	-	-	-
	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	<0.0002	-	<0.0002	-	0.0026	-	-	<0.001	0.0002	<0.0002	0.0003	<0.0002	-	-	-	-
	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	<0.0002	-	<0.0002	-	0.0010	-	-	<0.001	0.0002	<0.0002	0.0003	0.0004	-	-	-	-
	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	0.0004	<0.0002	0.0004	0.0007	-	-	-	-
	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002
	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	<0.0002	0.0004	<0.0002
	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0007	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.0002	<0.0002	<0.0002
	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	-	<0.0002	<0.001	<0.0002	<0.0002	0.0003	<0.0002	0.0003	<0.0002	<0.0002	<0.0002
	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-	<0.0002	<0.0002	0.0003	<0.0002	0.0074	-	<0.0002	<0.001	0.0002	0.0002	0.0004	0.0004	0.0011	<0.0002	<0.0002	<0.0002
	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0012	-	<0.0002	<0.001	<0.0002	<0.0002	0.0004	0.0004	0.0012	0.0003	0.0007	0.0002
	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0002
	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-	<0.0002	<0.0002	0.0004	<0.0002	0.0017	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	<0.0002
	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-	<0.0002	<0.0002	0.0002	<0.0002	0.0008	-	<0.0002	<0.001	<0.0002	<0.0002	0.0002	0.0002	0.0003	<0.0002	0.0003	<0.0002
	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	-	<0.0002	<0.001	<0.0002	<0.0002	0.0002	<0.0002	0.0003	<0.0002	<0.0002	<0.0002
	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.0002
	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0020	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0008	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0003	-	<0.0002	<0.001	0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	-	<0.0002	<0.001	0.0003	<0.0002	<0.0002	0.0004	0.0003	<0.0002	<0.0002	<0.0002
	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	<0.0002	-	<0.0002	-	0.0010	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	<0.0002	-	<0.0002	-	0.0028	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	<0.0002	-	0.0003	-	0.0069	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0004	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0075	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.028	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU01 - 1e: Soil Analytical Results – PFAS Screening

																					Per- and Pol
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial									20[#1]		20[#1]							50				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**PMW117-2.0**	**Normal**		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC200**	**Normal**		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU01	**WSP2025j_PMW117**	**21 Jan 2025**	**QC201**	**Normal**		<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	0.0022	<0.0002	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
RPIP	**RPIP_TP01**	**24 Jan 2025**	**RPIP_TP1_2.0M_250124**	**Normal**		-	<0.0002	-	0.0009	-	0.0066	-	-	<0.001	<0.0002	0.0002	0.0007	0.0011	-	-	-	-
RPIP	**RPIP_TP02**	**24 Jan 2025**	**RPIP_TP2_2.0M_250124**	**Normal**		-	<0.0005	-	0.0002	-	0.0020	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
RPIP	**RPIP_TP03**	**24 Jan 2025**	**RPIP_TP3_2.0M_250124**	**Normal**		-	0.0013	-	0.0045	-	0.0041	-	-	<0.001	<0.0002	0.0011	0.0010	<0.0002	-	-	-	-
RPIP	**RPIP_TP04**	**24 Jan 2025**	**RPIP_TP4_2.0M_250124**	**Normal**		-	0.0128	-	<0.0002	-	0.0016	-	-	<0.001	<0.0002	<0.0002	0.0002	<0.0002	-	-	-	-
RPIP	**RPIP_TP05**	**29 Jan 2025**	**RPIP_TP5_3.0_250129**	**Normal**		-	<0.0002	-	<0.0002	-	0.0007	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0002	-	-	-	-
RPIP	**RPIP_TP07**	**29 Jan 2025**	**RPIP_TP7_2.0_250129**	**Normal**		-	<0.0002	-	<0.0002	-	0.0021	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
RPIP	**RPIP_TP08**	**30 Jan 2025**	**RPIP_TP8_2.0_250129**	**Normal**		-	<0.0002	-	<0.0002	-	0.0007	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
RPIP	**RPIP_TP09**	**30 Jan 2025**	**RPIP_TP9_2.0_250130**	**Normal**		-	<0.0002	-	<0.0002	-	0.0024	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
RPIP	**RPIP_TP12**	**30 Jan 2025**	**RPIP_TP12_2.0_250130**	**Normal**		-	<0.0002	-	<0.0002	-	0.0009	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU01 - 1e: Soil Analytical Results – PFAS Screening

					y-fluoroalkyl Substances																
					Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial																			20		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0024	-	0.0039
	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0032	-	0.0048
	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0005	-	0.0009
	TP2B	01 Sep 2022	QC100_220901	Field_D	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002	-	<0.0002
	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0004	-	0.0004
	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0016	-	0.0018
	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0004	-	0.0009
	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0009	-	0.0009
	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0017	-	0.0017
	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0002	-	0.0004
	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0040	-	0.0040
	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0005	-	0.0005
	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	0.0096	0.0271	-	0.0136	-	0.0240
	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0002	-	0.0002
	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002	-	0.0002
	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0026	-	0.0031
	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0010	-	0.0019
	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	0.0005	<0.0005	-	0.0006	-	0.0026
	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0003	0.0005	0.0003
	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0004	0.0011	0.0004
	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0007	0.0009	0.0007
	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0003	0.0009	0.0006
	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0077	0.0100	0.0089
	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	0.0008	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0012	0.0052	0.0020
	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0003	0.0007	0.0003
	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0021	0.0024	0.0021
	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0010	0.0020	0.0014
	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0005	0.0010	0.0007
	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0003	0.0008	0.0003
	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0002	0.0002	0.0002
	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0002	0.0002	0.0002
	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0003	0.0003	0.0003
	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0003	0.0003	0.0003
	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0005	0.0005	0.0005
	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0020	0.0020	0.0020
	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0008	0.0008	0.0008
	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0003	0.0005	0.0005
	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0005	0.0015	0.0012
	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0002	0.0002	0.0002
	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0010	-	0.0010
	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0006	-	0.0006
	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0028	-	0.0028
	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0005	-	0.0005
	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0072	-	0.0076
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	0.0075	<0.05	<0.01
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	0.028	<0.05	0.028
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01

DU01 - 1e: Soil Analytical Results – PFAS Screening

					y-fluoroalkyl Substances																
					Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial																			20		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	0.0022	0.0022	0.0022
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0075	-	0.0095
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0022	-	0.0022
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0041	-	0.0041
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0016	-	0.0018
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0007	-	0.0009
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0021	-	0.0021
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0007	-	0.0007
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0024	-	0.0024
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0009	-	0.0009

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU01 - 1e: Soil Analytical Results – PFAS Screening

					Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg
EQL					0.005
PFAS NEMP 2025 HIL D Industrial/commercial					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
	TP1A	01 Sep 2022	TP1A_0.5_220901	Normal	-
	TP1B	01 Sep 2022	TP1B_0.7_220901	Normal	-
	TP2A	01 Sep 2022	TP2A_0.5_220901	Normal	-
	TP2B	01 Sep 2022	QC100_220901	Field_D	-
	TP2B	01 Sep 2022	TP2B_0.2_220901	Normal	-
	TP3A	01 Sep 2022	TP3A_0.4_220901	Normal	-
	TP3B	02 Sep 2022	TP3B_0.2_220902	Normal	-
	TP4A	02 Sep 2022	TP4A_0.8_220902	Normal	-
	TP4B	02 Sep 2022	TP4B_1.2_220902	Normal	-
	TP4C	02 Sep 2022	TP4C_1.3_220902	Normal	-
	TP5B	02 Sep 2022	TP5B_0.7_220902	Normal	-
	TP1C	05 Sep 2022	TP1C_0.1_220905	Normal	-
	TP1D	05 Sep 2022	TP1D_1.9_220905	Normal	-
	TP2C	05 Sep 2022	TP2C_0.1_220905	Normal	-
	TP2D	05 Sep 2022	TP2D_1.8_220905	Normal	-
	TP3C	05 Sep 2022	TP3C_0.1_220905	Normal	-
	TP3D	05 Sep 2022	TP3D_0.1_220905	Normal	-
	TP4D	05 Sep 2022	TP4D_1.9_220905	Normal	-
	TP1E	06 Sep 2022	TP1E_0.1_220906	Normal	-
	TP2E	06 Sep 2022	TP2E_2.0_220906	Normal	-
	TP3E	06 Sep 2022	TP3E_1.0_220906	Normal	-
	TP4E	06 Sep 2022	TP4E_0.4_220906	Normal	-
	TP5C	06 Sep 2022	TP5C_0.8_220906	Normal	-
	TP5D	06 Sep 2022	TP5D_0.1_220906	Normal	-
	TP1F	07 Sep 2022	TP1F_0.1_220907	Normal	-
	TP2F	07 Sep 2022	TP2F_1.0_220907	Normal	-
	TP3F	07 Sep 2022	TP3F_1.0_220907	Normal	-
	TP4F	07 Sep 2022	TP4F_1.0_220907	Normal	-
	TP5E	07 Sep 2022	TP5E_1.0_220907	Normal	-
	TP1G	08 Sep 2022	TP1G_0.1_220908	Normal	-
	TP1H	08 Sep 2022	TP1H_0.1_220908	Normal	-
	TP2G	08 Sep 2022	TP2G_0.6_220908	Normal	-
	TP2H	08 Sep 2022	TP2H_0.1_220908	Normal	-
	TP3G	08 Sep 2022	TP3G_0.4_220908	Normal	-
	TP3H	08 Sep 2022	TP3H_0.1_220908	Normal	-
	TP4G	08 Sep 2022	TP4G_0.5_220908	Normal	-
	TP4I	08 Sep 2022	TP4I_0.1_220908	Normal	-
	TP5F	08 Sep 2022	TP5F_0.1_220908	Normal	-
	TP5G	08 Sep 2022	TP5G_0.1_220908	Normal	-
	TP1I	09 Sep 2022	TP1I_0.1_220909	Normal	-
	TP2I	09 Sep 2022	TP2I_0.1_220909	Normal	-
	TP3I	09 Sep 2022	TP3I_0.1_220909	Normal	-
	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-
	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	<0.005
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	0.0075
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-1.0	Normal	0.028
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	<0.005
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	<0.005
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-2.0	Normal	<0.005
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	<0.005
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	<0.005

DU01 - 1e: Soil Analytical Results – PFAS Screening

	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
	mg/kg
EQL	0.005
PFAS NEMP 2025 HIL D Industrial/commercial	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-2.0	Normal	<0.005
DU01	WSP2025j_PMW117	21 Jan 2025	QC200	Normal	<0.005
DU01	WSP2025j_PMW117	21 Jan 2025	QC201	Normal	-
RPIP	RPIP_TP01	24 Jan 2025	RPIP_TP1_2.0M_250124	Normal	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP2_2.0M_250124	Normal	-
RPIP	RPIP_TP03	24 Jan 2025	RPIP_TP3_2.0M_250124	Normal	-
RPIP	RPIP_TP04	24 Jan 2025	RPIP_TP4_2.0M_250124	Normal	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP5_3.0_250129	Normal	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP7_2.0_250129	Normal	-
RPIP	RPIP_TP08	30 Jan 2025	RPIP_TP8_2.0_250129	Normal	-
RPIP	RPIP_TP09	30 Jan 2025	RPIP_TP9_2.0_250130	Normal	-
RPIP	RPIP_TP12	30 Jan 2025	RPIP_TP12_2.0_250130	Normal	-

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU01 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Mass Asbestos (<7mm AF/FA)	Asbestos Detected		Asbestos in ACM as % of Total Sample	Asbestos Type	Combined Fibrous Asbestos + Asbestos Fines as % of Total Sample	Description (Asbestos)	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Total Asbestos	Organic Fibre	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre
					g	-	mg/kg	% w/w	Comment	% w/w	-	% w/w	% (w/w)	-	g/kg	g/kg	Fibres	g	kg	g/kg
EQL													0.001			0.1	5	0.01	0.0001	0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								0.05		0.001			0.001							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	AS001_TP2B	01 Sep 2022	AS001_TP2B_1.0	Normal	-	1#3	-	-	1[#1]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	16.8	-	0[#4]
DU01	AS002_TP3A	01 Sep 2022	AS002_TP3A_1.4	Normal	-	1#3	-	-	1[#6]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	5.77	-	0[#4]
DU01	AS003_TP4A	02 Sep 2022	AS003_TP4A_0.8	Normal	-	1#3	-	-	1[#7]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	21.5	-	0[#4]
DU01	AS004_TP5D	06 Sep 2022	AS004_TP5D_0.1	Normal	-	1#3	-	-	1[#1]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	17.4	-	0[#4]
DU01	AS005_TP1E	06 Sep 2022	AS005_TP1E_1.8	Normal	-	1#3	-	-	1[#6]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	11.9	-	0[#4]
DU01	AS006_TP2F	07 Sep 2022	AS006_TP2F_1.8	Normal	-	1#3	-	-	1[#6]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	20.1	-	0[#4]
DU01	AS007_TP3F	07 Sep 2022	AS007_TP3F_1.8	Normal	-	1#3	-	-	1[#7]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	12.4	-	0[#4]
DU01	AS008_TP4H	09 Sep 2022	AS008_TP4H_0.1	Normal	-	1#3	-	-	1[#1]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	129	-	0[#4]
DU01	AS009_TP4H	09 Sep 2022	AS009_TP4H_0.1	Normal	-	1#3	-	-	1[#7]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	310	-	0[#4]
DU01	AS010_TP4H	09 Sep 2022	AS010_TP4H_0.1	Normal	-	1#3	-	-	1[#8]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	246	-	0[#4]
DU01	AS011_TP4H	09 Sep 2022	AS011_TP4H_0.1	Normal	-	1#3	-	-	1[#1]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	31.5	-	0[#4]
DU01	AS012_TP5H	09 Sep 2022	AS012_TP5H_0.1	Normal	-	1#3	-	-	1[#1]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	3.03	-	0[#4]
DU01	AS013_TP5H	09 Sep 2022	AS013_TP5H_1.8	Normal	-	1#3	-	-	1[#1]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	22.3	-	0[#4]
DU01	AS014_TP4I	08 Sep 2022	AS014_TP4I_0.1	Normal	-	1#3	-	-	1[#1]	-	-	-	-	1[#2]	-	0[#4]	1[#5]	50.9	-	0[#4]
DU01	TP1E	06 Sep 2022	AS005_TP1E_1.8	Normal	-	-	-	0.0108	-	-	ement sheeting a	0.15	-	-	-	-	-	-	-	-
DU01	TP2B	01 Sep 2022	AS001_TP2B_1.0	Normal	-	-	-	0.0153	-	-	ement sheeting ap	0.15	-	-	-	-	-	-	-	-
DU01	TP2F	07 Sep 2022	AS006_TP2F_1.8	Normal	20.1	-	-	-	-	0.0487	re board debris a	-	0.4	-	-	-	-	-	-	-
DU01	TP3A	01 Sep 2022	AS002_TP3A_1.4	Normal	-	-	-	0.0052	-	-	ent sheeting debri	0.15	-	-	-	-	-	-	-	-
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	0.0052	0#10	-	-	1[#8]	-	-	-	<0.001	1[#9]	-	0[#4]	0[#4]	764	0.764	0[#4]
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	0.0004	0#10	-	-	1[#8]	-	-	-	<0.001	1[#9]	-	0[#4]	0[#4]	626	0.626	0[#4]
DU01	TP3F	07 Sep 2022	AS007_TP3F_1.8	Normal	-	-	-	0.0113	-	-	ement sheeting ap	0.15	-	-	-	-	-	-	-	-
DU01	TP4A	02 Sep 2022	AS003_TP4A_0.8	Normal	21.5	-	-	-	-	0.0521	fibre board appro	-	0.4	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	AS008_TP4H_0.1	Normal	129	-	-	-	-	0.7036	sket-like material	-	0.9	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	AS009_TP4H_0.1	Normal	-	-	-	0.2818	-	-	ment pipe debris a	0.15	-	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	AS010_TP4H_0.1	Normal	246	-	-	-	-	1.2673	f asbestos lagging	-	0.85	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	AS011_TP4H_0.1	Normal	31.5	-	-	-	-	0.1909	f asbestos rope-li	-	1	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	5.25	-	-	-	-	0.0270	os lagging debris (	-	0.85	-	-	-	-	-	-	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	33.5	1#3	-	-	1[#8]	-	-	-	6.06	1[#11]	-	0[#4]	1[#3]	640	0.640	0[#4]
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	6.98	1#3	-	-	1[#8]	-	-	-	0.985	1[#11]	-	0[#4]	0[#4]	709	0.709	0[#4]
DU01	TP4I	08 Sep 2022	AS014_TP4I_0.1	Normal	-	-	-	0.0463	-	-	ement sheeting a	0.15	-	-	-	-	-	-	-	-
DU01	TP5D	06 Sep 2022	AS004_TP5D_0.1	Normal	17.4	-	-	-	-	0.0949	ket-like material a	-	0.9	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	AS012_TP5H_0.1	Normal	-	-	-	0.0028	-	-	ement sheeting ap	0.15	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	AS013_TP5H_1.8	Normal	-	-	-	0.0203	-	-	ement sheeting ap	0.15	-	-	-	-	-	-	-	-
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	1.03	1#3	-	-	1[#8]	-	-	-	0.183	1[#11]	-	0[#4]	0[#4]	563	0.563	0[#4]
DU01	PB2011_TP1	25 Jul 2011	TP01_1.0	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP2	25 Jul 2011	TP02_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP3	25 Jul 2011	TP03_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP4	25 Jul 2011	TP04_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP5	25 Jul 2011	TP05_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP06_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP6	25 Jul 2011	TP06_Surface	Normal	-	Yes	-	-	Chrysotile	-	-	0.22	-	-	-	-	-	-	-	-
DU01	PB2011_TP7	25 Jul 2011	TP07_1.0	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP8	25 Jul 2011	TP08_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP9	25 Jul 2011	TP09_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP10	25 Jul 2011	TP10_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP11	25 Jul 2011	TP11_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP12	25 Jul 2011	TP12_0.5	Normal	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP13	25 Jul 2011	TP13_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP14	25 Jul 2011	TP14_0.5	Normal	-	YES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP15	25 Jul 2011	TP15_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP16	26 Jul 2011	TP16_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU01 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos														
					Mass Asbestos (<7mm AF/FA)	Asbestos Detected		Asbestos in ACM as % of Total Sample	Asbestos Type	Combined Fibrous Asbestos + Asbestos Fines as % of Total Sample	Description (Asbestos)	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Total Asbestos	Organic Fibre	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre
					g	-	mg/kg	% w/w	Comment	% w/w	-	% w/w	% (w/w)	-	g/kg	g/kg	Fibres	g	kg	g/kg
EQL													0.001			0.1	5	0.01	0.0001	0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								0.05		0.001			0.001							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU01	PB2011_TP17	26 Jul 2011	TP17_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP17	26 Jul 2011	TP17_Surface Fragments	Normal	-	Yes	-	-	Chrysotile	-	-	0.027	-	-	-	-	-	-	-	-
DU01	PB2011_TP18	26 Jul 2011	TP18_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP19	26 Jul 2011	TP19_Surface Fragments	Normal	-	Yes	-	-	Chrysotile	-	-	0.006	-	-	-	-	-	-	-	-
DU01	PB2011_TP20	26 Jul 2011	TP20_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21_0.5_Fragments	Normal	-	Yes	-	-	Chrysotile	-	-	0.032	-	-	-	-	-	-	-	-
DU01	PB2011_TP21	26 Jul 2011	TP21_1.0	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP22	26 Jul 2011	TP22_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP23	26 Jul 2011	TP23_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP24	26 Jul 2011	TP24_0.4	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP25	26 Jul 2011	TP25_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP26	27 Jul 2011	TP26_Surface Fragments	Normal	-	Yes	-	-	Chrysotile, Amosit	-	-	0.042	-	-	-	-	-	-	-	-
DU01	PB2011_TP27	27 Jul 2011	TP27_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP28	27 Jul 2011	TP28_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP29	27 Jul 2011	TP29_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP30	27 Jul 2011	TP30_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31	27 Jul 2011	TP31_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31A	27 Jul 2011	TP31A_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31A	27 Jul 2011	TP31A_0.5_Fragments	Normal	-	Yes	-	-	Chrysotile, Amosit	-	-	0.184	-	-	-	-	-	-	-	-
DU01	PB2011_TP31A	27 Jul 2011	TP31A_1.0	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP31A	27 Jul 2011	TP31A_Surface Fragments	Normal	-	Yes	-	-	Chrysotile, Amosit	-	-	0.476	-	-	-	-	-	-	-	-
DU01	PB2011_TP32	27 Jul 2011	TP32_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP33	27 Jul 2011	TP33_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP34	27 Jul 2011	TP34_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP35	27 Jul 2011	TP35_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP36	28 Jul 2011	TP36_0.2	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37_0.5_Fragments	Normal	-	Yes	-	-	Chrysotile, Amosit	-	-	1.3	-	-	-	-	-	-	-	-
DU01	PB2011_TP37	28 Jul 2011	TP37_1.0	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP38	28 Jul 2011	TP38_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP39	28 Jul 2011	TP39_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	PB2011_TP40	28 Jul 2011	TP40_0.5	Normal	-	NAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	<100	-	-	-	-	-	0	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	<100	-	-	-	-	-	0	-	-	-	-	-	-	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	<100	-	-	-	-	-	0	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	<100	-	-	-	-	-	0	-	-	-	-	-	-	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	<100	-	-	-	-	-	0	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	<100	-	-	-	-	-	0	-	-	-	-	-	-	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP02_0.0-0.5_25012	Normal	0#12	0	-	-	-	-	-	<0.01	<0.001	-	<0.1	-	-	-	-	-
RPIP	RPIP_TP04	28 Jan 2025	RPIP_TP04_0.0-0.4_25012	Normal	0#12	0	-	-	-	-	-	<0.01	<0.001	-	<0.1	-	-	-	-	-
RPIP	RPIP_TP04	28 Jan 2025	RPIP_TP04_0.4-0.8_25012	Normal	0#12	0	-	-	-	-	-	<0.01	<0.001	-	<0.1	-	-	-	-	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP05_0-1_250129	Normal	0#12	0	-	-	-	-	-	<0.01	<0.001	-	<0.1	-	-	-	-	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP07_0.5-1.5_25012	Normal	0#12	0	-	-	-	-	-	<0.01	<0.001	-	<0.1	-	-	-	-	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_0.2-0.9_25013	Normal	0#12	0	-	-	-	-	-	<0.01	<0.001	-	<0.1	-	-	-	-	-

DU01 - 1f: Soil Analytical Results – Asbestos Screening

	Asbestos															
	Mass Asbestos (<7mm AF/FA)	Asbestos Detected		Asbestos in ACM as % of Total Sample	Asbestos Type	Combined Fibrous Asbestos + Asbestos Fines as % of Total Sample	Description (Asbestos)	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Total Asbestos	Organic Fibre	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre
	g	-	mg/kg	% w/w	Comment	% w/w	-	% w/w	% (w/w)	-	g/kg	g/kg	Fibres	g	kg	g/kg
EQL									0.001			0.1	5	0.01	0.0001	0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial				0.05		0.001			0.001							

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 Ch
#2 J.SPOONER
#3 Yes
#4 No
#5 N/A
#6 Ch + Am
#7 Ch + Am + Cr
#8 Am
#9 A. SMYLIE
#10 No*
#11 J. SPOONER
#12 –

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU01 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos (ACM >7mm) Estimation_mass
					g
EQL					0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU01	AS001_TP2B	01 Sep 2022	AS001_TP2B_1.0	Normal	-
DU01	AS002_TP3A	01 Sep 2022	AS002_TP3A_1.4	Normal	-
DU01	AS003_TP4A	02 Sep 2022	AS003_TP4A_0.8	Normal	-
DU01	AS004_TP5D	06 Sep 2022	AS004_TP5D_0.1	Normal	-
DU01	AS005_TP1E	06 Sep 2022	AS005_TP1E_1.8	Normal	-
DU01	AS006_TP2F	07 Sep 2022	AS006_TP2F_1.8	Normal	-
DU01	AS007_TP3F	07 Sep 2022	AS007_TP3F_1.8	Normal	-
DU01	AS008_TP4H	09 Sep 2022	AS008_TP4H_0.1	Normal	-
DU01	AS009_TP4H	09 Sep 2022	AS009_TP4H_0.1	Normal	-
DU01	AS010_TP4H	09 Sep 2022	AS010_TP4H_0.1	Normal	-
DU01	AS011_TP4H	09 Sep 2022	AS011_TP4H_0.1	Normal	-
DU01	AS012_TP5H	09 Sep 2022	AS012_TP5H_0.1	Normal	-
DU01	AS013_TP5H	09 Sep 2022	AS013_TP5H_1.8	Normal	-
DU01	AS014_TP4I	08 Sep 2022	AS014_TP4I_0.1	Normal	-
DU01	TP1E	06 Sep 2022	AS005_TP1E_1.8	Normal	11.9
DU01	TP2B	01 Sep 2022	AS001_TP2B_1.0	Normal	16.8
DU01	TP2F	07 Sep 2022	AS006_TP2F_1.8	Normal	-
DU01	TP3A	01 Sep 2022	AS002_TP3A_1.4	Normal	5.77
DU01	TP3B	02 Sep 2022	TP3B_0.0_220902	Normal	<0.0004
DU01	TP3B	02 Sep 2022	TP3B_0.7_220902	Normal	<0.0004
DU01	TP3F	07 Sep 2022	AS007_TP3F_1.8	Normal	12.4
DU01	TP4A	02 Sep 2022	AS003_TP4A_0.8	Normal	-
DU01	TP4H	09 Sep 2022	AS008_TP4H_0.1	Normal	-
DU01	TP4H	09 Sep 2022	AS009_TP4H_0.1	Normal	310
DU01	TP4H	09 Sep 2022	AS010_TP4H_0.1	Normal	-
DU01	TP4H	09 Sep 2022	AS011_TP4H_0.1	Normal	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	-
DU01	TP4H	09 Sep 2022	TP4H_0.1_220909	Normal	5.25
DU01	TP4H	09 Sep 2022	TP4H_1.0_220909	Normal	<0.0004
DU01	TP4I	08 Sep 2022	AS014_TP4I_0.1	Normal	50.9
DU01	TP5D	06 Sep 2022	AS004_TP5D_0.1	Normal	-
DU01	TP5H	09 Sep 2022	AS012_TP5H_0.1	Normal	3.03
DU01	TP5H	09 Sep 2022	AS013_TP5H_1.8	Normal	22.3
DU01	TP5H	09 Sep 2022	TP5H_0.1_220909	Normal	<0.0004
DU01	PB2011_TP1	25 Jul 2011	TP01_1.0	Normal	-
DU01	PB2011_TP2	25 Jul 2011	TP02_0.5	Normal	-
DU01	PB2011_TP3	25 Jul 2011	TP03_0.5	Normal	-
DU01	PB2011_TP4	25 Jul 2011	TP04_0.5	Normal	-
DU01	PB2011_TP5	25 Jul 2011	TP05_0.5	Normal	-
DU01	PB2011_TP6	25 Jul 2011	TP06_0.5	Normal	-
DU01	PB2011_TP6	25 Jul 2011	TP06_Surface	Normal	242
DU01	PB2011_TP7	25 Jul 2011	TP07_1.0	Normal	-
DU01	PB2011_TP8	25 Jul 2011	TP08_0.5	Normal	-
DU01	PB2011_TP9	25 Jul 2011	TP09_0.5	Normal	-
DU01	PB2011_TP10	25 Jul 2011	TP10_0.5	Normal	-
DU01	PB2011_TP11	25 Jul 2011	TP11_0.5	Normal	-
DU01	PB2011_TP12	25 Jul 2011	TP12_0.5	Normal	-
DU01	PB2011_TP13	25 Jul 2011	TP13_0.5	Normal	-
DU01	PB2011_TP14	25 Jul 2011	TP14_0.5	Normal	-
DU01	PB2011_TP15	25 Jul 2011	TP15_0.5	Normal	-
DU01	PB2011_TP16	26 Jul 2011	TP16_0.5	Normal	-

DU01 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos (ACM >7mm) Estimation_mass
					g
EQL					0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU01	PB2011_TP17	26 Jul 2011	TP17_0.5	Normal	-
DU01	PB2011_TP17	26 Jul 2011	TP17_Surface Fragments	Normal	30
DU01	PB2011_TP18	26 Jul 2011	TP18_0.5	Normal	-
DU01	PB2011_TP19	26 Jul 2011	TP19_0.5	Normal	-
DU01	PB2011_TP19	26 Jul 2011	TP19_Surface Fragments	Normal	7
DU01	PB2011_TP20	26 Jul 2011	TP20_0.5	Normal	-
DU01	PB2011_TP21	26 Jul 2011	TP21_0.5	Normal	-
DU01	PB2011_TP21	26 Jul 2011	TP21_0.5_Fragments	Normal	35
DU01	PB2011_TP21	26 Jul 2011	TP21_1.0	Normal	-
DU01	PB2011_TP22	26 Jul 2011	TP22_0.5	Normal	-
DU01	PB2011_TP23	26 Jul 2011	TP23_0.5	Normal	-
DU01	PB2011_TP24	26 Jul 2011	TP24_0.4	Normal	-
DU01	PB2011_TP25	26 Jul 2011	TP25_0.5	Normal	-
DU01	PB2011_TP26	27 Jul 2011	TP26_0.5	Normal	-
DU01	PB2011_TP26	27 Jul 2011	TP26_Surface Fragments	Normal	46
DU01	PB2011_TP27	27 Jul 2011	TP27_0.5	Normal	-
DU01	PB2011_TP28	27 Jul 2011	TP28_0.5	Normal	-
DU01	PB2011_TP29	27 Jul 2011	TP29_0.5	Normal	-
DU01	PB2011_TP30	27 Jul 2011	TP30_0.5	Normal	-
DU01	PB2011_TP31	27 Jul 2011	TP31_0.5	Normal	-
DU01	PB2011_TP31A	27 Jul 2011	TP31A_0.5	Normal	-
DU01	PB2011_TP31A	27 Jul 2011	TP31A_0.5_Fragments	Normal	202
DU01	PB2011_TP31A	27 Jul 2011	TP31A_1.0	Normal	-
DU01	PB2011_TP31A	27 Jul 2011	TP31A_Surface Fragments	Normal	524
DU01	PB2011_TP32	27 Jul 2011	TP32_0.5	Normal	-
DU01	PB2011_TP33	27 Jul 2011	TP33_0.5	Normal	-
DU01	PB2011_TP34	27 Jul 2011	TP34_0.5	Normal	-
DU01	PB2011_TP35	27 Jul 2011	TP35_0.5	Normal	-
DU01	PB2011_TP36	28 Jul 2011	TP36_0.2	Normal	-
DU01	PB2011_TP37	28 Jul 2011	TP37_0.5	Normal	-
DU01	PB2011_TP37	28 Jul 2011	TP37_0.5_Fragments	Normal	1,425
DU01	PB2011_TP37	28 Jul 2011	TP37_1.0	Normal	-
DU01	PB2011_TP38	28 Jul 2011	TP38_0.5	Normal	-
DU01	PB2011_TP39	28 Jul 2011	TP39_0.5	Normal	-
DU01	PB2011_TP40	28 Jul 2011	TP40_0.5	Normal	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	0
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.1	Normal	-
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	0
DU01	WSP2025j_PMW115	20 Jan 2025	PMW115-0.5	Normal	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	0
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.1	Normal	-
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	0
DU01	WSP2025j_PMW116	20 Jan 2025	PMW116-0.5	Normal	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	0
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.1	Normal	-
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	0
DU01	WSP2025j_PMW117	21 Jan 2025	PMW117-0.5	Normal	-
RPIP	RPIP_TP02	24 Jan 2025	RPIP_TP02_0.0-0.5_25012	Normal	-
RPIP	RPIP_TP04	28 Jan 2025	RPIP_TP04_0.0-0.4_25012	Normal	-
RPIP	RPIP_TP04	28 Jan 2025	RPIP_TP04_0.4-0.8_25012	Normal	-
RPIP	RPIP_TP05	29 Jan 2025	RPIP_TP05_0-1_250129	Normal	-
RPIP	RPIP_TP07	29 Jan 2025	RPIP_TP07_0.5-1.5_25012	Normal	-
RPIP	RPIP_TP11	31 Jan 2025	RPIP_TP11_0.2-0.9_25013	Normal	-

DU01 - 1f: Soil Analytical Results – Asbestos Screening

	Asbestos (ACM >7mm) Estimation_mass
	g
EQL	0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 Ch
#2 J.SPOONER
#3 Yes
#4 No
#5 N/A
#6 Ch + Am
#7 Ch + Am + Cr
#8 Am
#9 A. SMYLIE
#10 No*
#11 J. SPOONER
#12 –

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU02 - 1a: Historical Exceedances

DU02 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m						260[#1]	NL [#2]														
>=1m, <2m						370	NL														
>=2m, <4m						630	NL														
>=4m						NL [#2]	NL														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m						**NL**	**NL**														
>=2m, <4m						**NL**	**NL**														
>=4m						**NL**	**NL**														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																					
Monitoring Zone	**Source**	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	**Normal**	<10	<10	<50	<50	6,720	340	7,060	<10	<50	5,010	1,900	6,910	<5	<1	9	36	18
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	17	8
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	63	21
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	85	7
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	<5	<5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	6	<5	7
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	**Normal**	<10	<10	<50	<50	440	<100	440	<10	<50	300	160	460	13	<1	49	401	213
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	31	7	20
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	33	150	120
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	99	28
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	112	44
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	**Normal**	<10	<10	<50	<50	160	<100	160	<10	<50	<100	120	120	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	5	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	8	<1	6	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	31	9

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be undertaken
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

													Monocyclic Aromatic Hydrocarbons								
				Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m							3	NL [#2]	NL [#2]			230									
>=1m, <2m							3	NL	NL			NL [#2]									
>=2m, <4m							3	NL	NL			NL									
>=4m							3	NL	NL			NL									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				730[#6]	6,000	400,000															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m							**77**	**NL**	**NL**			**NL**									
>=2m, <4m							**160**	**NL**	**NL**			**NL**									
>=4m							**NL**	**NL**	**NL**			**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							5.1[#10]	47,000[#10]	25[#10]		2,800[#10]	2,500[#10]	35,000[#10]	9,900[#10]	58,000[#10]	24,000[#10]		120,000[#10]	120,000[#10]	1,800[#10]	1,500[#10]
Monitoring Zone	**Source**	**Location Code**	**Date**	**Field ID**																	
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	<0.1	<2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	<0.1	<2	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	<0.1	19	151	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	<0.1	2	65	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	<0.1	47	263	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	<0.1	62	412	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	<0.1	3	10	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	<0.1	4	12	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	<0.1	31	1,370	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	<0.1	11	33	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	<0.1	22	1,320	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	<0.1	46	193	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	<0.1	37	321	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	<0.1	<2	9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	<0.1	<2	8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	<0.1	3	38	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

															Polynuclear Aromatic Hydrocarbons					
	Total MAH	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m			NL [#2]					NL [#2]					NL							
>=1m, <2m			NL					NL					NL							
>=2m, <4m			NL					NL					NL							
>=4m			NL					NL					NL							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]													
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m			**NL**																	
>=2m, <4m			**NL**																	
>=4m			**NL**										**NL**							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								8.6[#10]		45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]			

Monitoring Zone	Source	Location Code	Date	Field ID																	
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

																					Phenolic Compou
					Benzo(b+j) & Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/P-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m																							
>=1m, <2m																							
>=2m, <4m																							
>=4m																							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														4,000[#8]		240,000							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
>=0m, <2m																							
>=2m, <4m																							
>=4m																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						2.1[#10]			2,100[#10]	23,000[#10]		2.1[#10]	21[#10]				5,800[#10]	41,000[#10]		2,500[#10]	16,000[#10]		82,000[#10]
Monitoring Zone	**Source**	**Location Code**	**Date**	**Field ID**																			
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

									ands								Polychlorinated Biphenyls										Chlorinated Hydrocarbons	
									2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Sum of Phenols	Total PCBs	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.2	0.2	2	1	0.2	4	4	5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												660						7[#9]									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]		
Monitoring Zone	**Source**	**Location Code**	**Date**	**Field ID**																							
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

	Sulfonated Compounds																			
	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											2,000								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	3,500[#10]				600[#10]		2,500[#10]			570[#10]		8,200[#10]					570[#10]	7.9[#10]	1,800[#10]

Monitoring Zone	Source	Location Code	Date	Field ID																		
DU02	Tank farm	AECOM2024c_TP01	15 Jan 2024	535_CLOR_QC100_240115	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP01	15 Jan 2024	535_CLOR_TP01_0.5_240115	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP03	15 Jan 2024	535_CLOR_TP03_0.1_240115	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP29	15 Jan 2024	535_CLOR_TP29_0.3_240115	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP34	16 Jan 2024	535_CLOR_TP34_0.3_240116	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP37	16 Jan 2024	535_CLOR_TP37_0.5_240116	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP46	16 Jan 2024	535_CLOR_QC100_240116	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP46	16 Jan 2024	535_CLOR_TP46_0.1_240116	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP120	18 Jan 2024	535_CLOR_QC100_240118	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP120	18 Jan 2024	535_CLOR_TP120_0.1_240118	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP99	18 Jan 2024	535_CLOR_TP99_0.3_240118	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP101	19 Jan 2024	535_CLOR_TP101_0.5_240119	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP71	22 Jan 2024	535_CLOR_TP71_0.5_240122	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP80	22 Jan 2024	535_CLOR_QC100_240122	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP80	22 Jan 2024	535_CLOR_TP80_0.1_240122	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2024c_TP92	22 Jan 2024	535_CLOR_TP92_0.3_240122	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU02	Tank farm	AECOM2025b_PMW152	20 Jan 2025	PMW152_0.4_250120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW154	21 Jan 2025	PMW154_0.4_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW154	21 Jan 2025	PMW154_0.9_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW156	21 Jan 2025	PMW156_0.0_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW156	21 Jan 2025	PMW156_1.4_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW155	22 Jan 2025	PMW155_0.4_250122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW155	22 Jan 2025	PMW155_0.9_250122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW150	23 Jan 2025	PMW150_0.2_250123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW150	23 Jan 2025	PMW150_0.5_250123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

								Organophosphorus Pesticides (OP)												
								Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos	Naled (Dibrom)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.2	0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]	1,200[#10]		2,300[#10]

								Organophosphorus Pesticides (OP)												
								Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel							
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg							
EQL								0.1	0.1	0.1	0.05	0.05	0.1							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
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NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								4,900[#10]	210[#10]	160[#10]			58,000[#10]							

Monitoring Zone	Source	Location Code	Date	Field ID																				
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
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Environmental Standards

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DU02 - 1b: Soil Analytical Results – Human Health Screening

																				Organoch
	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tolkuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								45							530				3,600
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]	

Monitoring Zone	Source	Location Code	Date	Field ID																		
DU02	Tank farm	AECOM2024c_TP01	15 Jan 2024	535_CLOR_QC100_240115	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP01	15 Jan 2024	535_CLOR_TP01_0.5_240115	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP03	15 Jan 2024	535_CLOR_TP03_0.1_240115	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP29	15 Jan 2024	535_CLOR_TP29_0.3_240115	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP34	16 Jan 2024	535_CLOR_TP34_0.3_240116	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP37	16 Jan 2024	535_CLOR_TP37_0.5_240116	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP46	16 Jan 2024	535_CLOR_QC100_240116	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP46	16 Jan 2024	535_CLOR_TP46_0.1_240116	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP120	18 Jan 2024	535_CLOR_QC100_240118	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP120	18 Jan 2024	535_CLOR_TP120_0.1_240118	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP99	18 Jan 2024	535_CLOR_TP99_0.3_240118	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP101	19 Jan 2024	535_CLOR_TP101_0.5_240119	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP71	22 Jan 2024	535_CLOR_TP71_0.5_240122	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP80	22 Jan 2024	535_CLOR_QC100_240122	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP80	22 Jan 2024	535_CLOR_TP80_0.1_240122	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2024c_TP92	22 Jan 2024	535_CLOR_TP92_0.3_240122	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05
DU02	Tank farm	AECOM2025b_PMW152	20 Jan 2025	PMW152_0.4_250120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW154	21 Jan 2025	PMW154_0.4_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW154	21 Jan 2025	PMW154_0.9_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW156	21 Jan 2025	PMW156_0.0_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW156	21 Jan 2025	PMW156_1.4_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW155	22 Jan 2025	PMW155_0.4_250122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW155	22 Jan 2025	PMW155_0.9_250122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW150	23 Jan 2025	PMW150_0.2_250123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	Tank farm	AECOM2025b_PMW150	23 Jan 2025	PMW150_0.5_250123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

	ılorine Pesticides (OC)															Halogenate			
	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	2,000				100			50		80	2,500	160	100						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				4,900[#10]					0.33[#10]							1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]

Monitoring Zone	Source	Location Code	Date	Field ID																
DU02	Tank farm	AECOM2024c_TP01	15 Jan 2024	535_CLOR_QC100_240115	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP01	15 Jan 2024	535_CLOR_TP01_0.5_240115	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP03	15 Jan 2024	535_CLOR_TP03_0.1_240115	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP29	15 Jan 2024	535_CLOR_TP29_0.3_240115	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP34	16 Jan 2024	535_CLOR_TP34_0.3_240116	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP37	16 Jan 2024	535_CLOR_TP37_0.5_240116	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP46	16 Jan 2024	535_CLOR_QC100_240116	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP46	16 Jan 2024	535_CLOR_TP46_0.1_240116	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP120	18 Jan 2024	535_CLOR_QC100_240118	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP120	18 Jan 2024	535_CLOR_TP120_0.1_240118	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP99	18 Jan 2024	535_CLOR_TP99_0.3_240118	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP101	19 Jan 2024	535_CLOR_TP101_0.5_240119	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP71	22 Jan 2024	535_CLOR_TP71_0.5_240122	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP80	22 Jan 2024	535_CLOR_QC100_240122	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP80	22 Jan 2024	535_CLOR_TP80_0.1_240122	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2024c_TP92	22 Jan 2024	535_CLOR_TP92_0.3_240122	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW152	20 Jan 2025	PMW152_0.4_250120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW154	21 Jan 2025	PMW154_0.4_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW154	21 Jan 2025	PMW154_0.9_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW156	21 Jan 2025	PMW156_0.0_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW156	21 Jan 2025	PMW156_1.4_250121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW155	22 Jan 2025	PMW155_0.4_250122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW155	22 Jan 2025	PMW155_0.9_250122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW150	23 Jan 2025	PMW150_0.2_250123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5
DU02	Tank farm	AECOM2025b_PMW150	23 Jan 2025	PMW150_0.5_250123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

	d Aromatic Compounds																			
	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	9,300[#10]		11[#10]	930[#10]	110[#10]	630[#10]	3.2[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]	

Monitoring Zone	Source	Location Code	Date	Field ID																		
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

							Halogenated Aliphatic Compounds														Trihalom
							1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
>=0m, <1m																									
>=1m, <2m																									
>=2m, <4m																									
>=4m																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
>=0m, <2m																									
>=2m, <4m																									
>=4m																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								2.9[#10]	2[#10]	6[#10]	99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]	0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]
Monitoring Zone	**Source**	**Location Code**	**Date**	**Field ID**																					
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_QC100_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP01**	**15 Jan 2024**	**535_CLOR_TP01_0.5_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP03**	**15 Jan 2024**	**535_CLOR_TP03_0.1_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP29**	**15 Jan 2024**	**535_CLOR_TP29_0.3_240115**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP34**	**16 Jan 2024**	**535_CLOR_TP34_0.3_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP37**	**16 Jan 2024**	**535_CLOR_TP37_0.5_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_QC100_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP46**	**16 Jan 2024**	**535_CLOR_TP46_0.1_240116**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_QC100_240118**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP120**	**18 Jan 2024**	**535_CLOR_TP120_0.1_240118**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP99**	**18 Jan 2024**	**535_CLOR_TP99_0.3_240118**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP101**	**19 Jan 2024**	**535_CLOR_TP101_0.5_240119**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP71**	**22 Jan 2024**	**535_CLOR_TP71_0.5_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_QC100_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP80**	**22 Jan 2024**	**535_CLOR_TP80_0.1_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2024c_TP92**	**22 Jan 2024**	**535_CLOR_TP92_0.3_240122**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW152**	**20 Jan 2025**	**PMW152_0.4_250120**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.4_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW154**	**21 Jan 2025**	**PMW154_0.9_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_0.0_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW156**	**21 Jan 2025**	**PMW156_1.4_250121**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.4_250122**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW155**	**22 Jan 2025**	**PMW155_0.9_250122**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.2_250123**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**Tank farm**	**AECOM2025b_PMW150**	**23 Jan 2025**	**PMW150_0.5_250123**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Sheq
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailabi
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or su
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sam
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet Ba
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU02 - 1b: Soil Analytical Results – Human Health Screening

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals								Mono							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 fraction (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[f1]			1,000[f1]	3,500	10,000																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**															**430**	**99,000**	**27,000**			**81,000**		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*															*1,100*	*120,000*	*85,000*			*130,000*		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	**TP01**	**535_CLOR_QC100_240115**	**15 Jan 2024**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP01**	**535_CLOR_QC200_240115**	**15 Jan 2024**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	<4	<0.4	2	1	2	<0.1	2	4	<0.2	<0.5	<1	<2	<1	<1	<1	<1
DU02	**TP01**	**535_CLOR_TP01_0.5_240115**	**15 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP03**	**535_CLOR_QC100_230330**	**30 Mar 2023**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5	<0.1	<2	11	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP03**	**535_CLOR_TP03_0.1_240115**	**15 Jan 2024**	**Normal**	<10	<10	<50	<50	6,720	340	7,060	<10	<50	5,010	1,900	6,910	<5	<1	9	36	18	<0.1	19	151	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**AECOM2023c_TP03**	**535_CLOR_TP03_0.4_230330**	**30 Mar 2023**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5	<0.1	<2	10	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP16**	**535_CLOR_QC200_230330**	**30 Mar 2023**	**Interlab_D**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.0	<0.4	<5	<5	<5	<0.1	<5	28	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5
DU02	**AECOM2023c_TP16**	**535_CLOR_TP16_0.2_230330**	**30 Mar 2023**	**Normal**	<10	<10	<50	<50	240	<100	240	<10	<50	120	150	270	<5	<1	<2	<5	<5	<0.1	<2	32	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**AECOM2023c_TP18**	**535_CLOR_TP18_0.2_230330**	**30 Mar 2023**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP29**	**535_CLOR_TP29_0.3_240115**	**15 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	17	8	<0.1	2	65	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP34**	**535_CLOR_TP34_0.3_240116**	**16 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP37**	**535_CLOR_TP37_0.5_240116**	**16 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP46**	**535_CLOR_QC100_240116**	**16 Jan 2024**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	63	21	<0.1	47	263	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP46**	**535_CLOR_QC200_240116**	**16 Jan 2024**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	<4	<0.4	9	62	14	<0.1	55	130	<0.2	<0.5	<1	<2	<1	<1	<1	<1
DU02	**TP46**	**535_CLOR_TP46_0.1_240116**	**16 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	85	7	<0.1	62	412	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP71**	**535_CLOR_TP71_0.5_240122**	**22 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	33	150	120	<0.1	22	1,320	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP80**	**535_CLOR_QC100_240122**	**22 Jan 2024**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	99	28	<0.1	46	193	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP80**	**535_CLOR_QC200_240122**	**22 Jan 2024**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	<4	<0.4	13	110	67	<0.1	30	370	<0.2	<0.5	<1	<2	<1	<1	<1	<1
DU02	**TP80**	**535_CLOR_QC200_240122 - [TRIPLICATE]**	**22 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	<4	<0.4	8	61	16	<0.1	31	210	-	-	-	-	-	-	-	-
DU02	**TP80**	**535_CLOR_TP80_0.1_240122**	**22 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	112	44	<0.1	37	321	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP92**	**535_CLOR_TP92_0.3_240122**	**22 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	<5	<5	<0.1	<2	9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP99**	**535_CLOR_TP99_0.3_240118**	**18 Jan 2024**	**Normal**	<10	<10	<50	<50	440	<100	440	<10	<50	300	160	460	13	<1	49	401	213	<0.1	31	1,370	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP101**	**535_CLOR_TP101_0.5_240119**	**19 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	7	<1	31	7	20	<0.1	11	33	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP120**	**535_CLOR_QC100_240118**	**18 Jan 2024**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	<5	<5	<0.1	3	10	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**TP120**	**535_CLOR_QC200_240118**	**18 Jan 2024**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	9	<0.4	9	7	10	<0.1	7	35	<0.2	<0.5	<1	<2	<1	<1	<1	<1
DU02	**TP120**	**535_CLOR_QC200_240118 - [TRIPLICATE]**	**18 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	6	<0.4	6	3	4	<0.1	3	24	-	-	-	-	-	-	-	-
DU02	**TP120**	**535_CLOR_TP120_0.1_240118**	**18 Jan 2024**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	6	<5	7	<0.1	4	12	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1	<2	<5	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	3	31	9	<0.1	3	38	-	-	-	-	-	-	-	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1	<2	13	-	-	-	-	-	-	-	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	<10	<10	<50	<50	160	<100	160	<10	<50	<100	120	120	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1	<2	<5	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	5	<5	<5	<0.1	<2	8	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1	<2	<5	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	8	<1	6	<5	<5	<0.1	<2	<5	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1	<2	<5	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<5	<1	2	<5	<5	<0.1	<2	<5	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	6	<1	5	<5	<5	<0.1	<2	<5	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW01**	**CMW01_0.2**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_CMW02**	**CMW02_0.2**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	18,500.0	2,220.0	20,700.0	<10	<50	7,800	12,800.0	20,600.0	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_CMW02**	**CMW02_1.0**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_CMW04**	**CMW04_0.5**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_CMW04**	**CMW04_2.0**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_CMW06**	**CMW06_0.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_HA01**	**HA01_0.2**	**29 Apr 2016**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<11	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_HA02**	**HA02_0.3**	**29 Apr 2016**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<12	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_SS01**	**SS01**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	12,200.0	6,830	19,000.0	<10	<50	4,580	10,600.0	15,200.0	<5	<1	12	48	7	<0.1	43	96	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP01**	**TP01_0.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP01**	**TP01_1.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP02**	**TP02_0.2**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	9,360	490	9,850	<10	<50	8,150	1,290	9,440	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP04**	**TP04-0.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP04**	**TP04_0.5**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP05**	**TP05_0.5**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	8	6	<0.1	4	34	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP06**	**TP06_0.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	76	6	<0.1	67	58	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP06**	**TP06_1.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP07**	**TP07_0.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP07**	**TP07_1.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP09**	**TP09_0.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	9	<5	<5	<0.1	<2	13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP09**	**TP09_1.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP10**	**TP10_0.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8	31	<5	<0.1	36	72	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP11**	**TP11_0.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP12**	**TP12_0.5**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP13**	**TP13_0.2**	**06 Nov 2015**	**Normal**	<10	<10	530	530	13,300.0	310	14,100.0	<10	<50	13,700.0	870	14,600.0	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP14**	**TP14_0.2**	**29 Apr 2016**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP14**	**TP14_0.5**	**29 Apr 2016**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP15**	**TP15_0.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	560	100	660	<10	<50	310	300	610	<5	<1	6	18	9	<0.1	6	72	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP15**	**TP15_0.5**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals								Mono							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**															**430**	**99,000**	**27,000**			**81,000**		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*															*1,100*	*120,000*	*85,000*			*130,000*		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	28	30	<0.1	19	239	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	<10	<10	<50	<50	530	180	710	<11	<50	300	290	590	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<12	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	210	<100	210	<10	<50	150	<100	150	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	690	150	840	<10	<50	510	230	740	6	2	54	195	124	<0.1	56	1,900	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	11	<1	5	<5	<5	<0.1	3	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	35	35	560	560	1,550	390	2,500	20	290	1,420	480	2,190	<5	<1	<2	<5	5	<0.1	<2	28	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	<10	<10	2,300	2,300	3,840	180	6,320	<10	1,300	4,400	240	5,940	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	<10	<10	170	170	**50,600.0**	10,400.0	61,200.0	<10	80	26,100.0	29,600.0	55,800.0	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	30	67	<0.1	21	296	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5	<0.1	<2	17	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	<20	<20	<50	<50	820	150	970	<20	30	590	180	800	3.9	<0.4	15	22	14	5.7	9.7	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	<20	<20	<50	<50	540	<100	540	<20	<20	380	200	580	3.1	<0.4	11	14	17	2.5	5.9	74	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	<20	<20	<50	<50	200	<100	200	<20	37	110	52	199	5.4	<0.4	15	61	40	0.3	12	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	<20	<20	98	98	2,100	350	2,548	<20	<20	1,500	760	2,260	5.5	<0.4	25	50	34	9.9	21	270	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	<20	<20	95	95	2,500	410	3,005	<20	38	1,800	590	2,428	3.7	<0.4	14	33	27	4.7	9.7	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	<20	<20	<250	<250	1,000	<500	1,000	<20	<100	1,000	<250	1,000	4.8	<0.4	36	41	36	5.6	31	230	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	<20	<20	<500	<500	2,600	<1,000.0	2,600	<20	<200	2,600	650	3,250	2.5	<0.4	17	26	16	3.9	15	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	<20	<20	<250	<250	1,800	<500	1,800	<20	<100	1,600	530	2,130	4.2	<0.4	32	50	45	6.7	25	260	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	<20	<20	<250	<250	690	<500	690	<20	<100	<500	<250	<500	3.9	<0.4	18	44	27	0.2	30	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	<50	4.1	<0.4	<5	-	<5	<0.1	<5	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	<50	<2	<0.4	<5	-	<5	<0.1	<5	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	<50	4.1	<0.4	<5	-	<5	<0.1	<5	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	140	2.1	<0.4	20	-	63	<0.1	43	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	122	<2	<0.4	<5	-	<5	<0.1	<5	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Monocyclic Aromatic Hydrocarbons										Polynuclear Aromatic Hydrocarbons																
					n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.05	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			**11,000**												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*29,000*																	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	**TP01**	**535_CLOR_QC100_240115**	**15 Jan 2024**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP01**	**535_CLOR_QC200_240115**	**15 Jan 2024**	**Interlab_D**	<1	<1	<1	<1	<1	<1	<1	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-	-	<0.2	<0.05	-
DU02	**TP01**	**535_CLOR_TP01_0.5_240115**	**15 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP03**	**535_CLOR_QC100_230330**	**30 Mar 2023**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP03**	**535_CLOR_TP03_0.1_240115**	**15 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**AECOM2023c_TP03**	**535_CLOR_TP03_0.4_230330**	**30 Mar 2023**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP16**	**535_CLOR_QC200_230330**	**30 Mar 2023**	**Interlab_D**	-	-	-	-	-	<0.5	<0.5	<0.5	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**AECOM2023c_TP16**	**535_CLOR_TP16_0.2_230330**	**30 Mar 2023**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**AECOM2023c_TP18**	**535_CLOR_TP18_0.2_230330**	**30 Mar 2023**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP29**	**535_CLOR_TP29_0.3_240115**	**15 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP34**	**535_CLOR_TP34_0.3_240116**	**16 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP37**	**535_CLOR_TP37_0.5_240116**	**16 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP46**	**535_CLOR_QC100_240116**	**16 Jan 2024**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP46**	**535_CLOR_QC200_240116**	**16 Jan 2024**	**Interlab_D**	<1	<1	<1	<1	<1	<1	<1	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-	-	<0.2	<0.05	-
DU02	**TP46**	**535_CLOR_TP46_0.1_240116**	**16 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP71**	**535_CLOR_TP71_0.5_240122**	**22 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP80**	**535_CLOR_QC100_240122**	**22 Jan 2024**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP80**	**535_CLOR_QC200_240122**	**22 Jan 2024**	**Interlab_D**	<1	<1	<1	<1	<1	<1	<1	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-	-	<0.2	<0.05	-
DU02	**TP80**	**535_CLOR_QC200_240122 - [TRIPLICATE]**	**22 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**TP80**	**535_CLOR_TP80_0.1_240122**	**22 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP92**	**535_CLOR_TP92_0.3_240122**	**22 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP99**	**535_CLOR_TP99_0.3_240118**	**18 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP101**	**535_CLOR_TP101_0.5_240119**	**19 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP120**	**535_CLOR_QC100_240118**	**18 Jan 2024**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**TP120**	**535_CLOR_QC200_240118**	**18 Jan 2024**	**Interlab_D**	<1	<1	<1	<1	<1	<1	<1	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-	-	<0.2	<0.05	-
DU02	**TP120**	**535_CLOR_QC200_240118 - [TRIPLICATE]**	**18 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**TP120**	**535_CLOR_TP120_0.1_240118**	**18 Jan 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.2	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU02	**WSP2016c_CMW01**	**CMW01_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW02**	**CMW02_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW02**	**CMW02_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW04**	**CMW04_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW04**	**CMW04_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW06**	**CMW06_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_HA01**	**HA01_0.2**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_HA02**	**HA02_0.3**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_SS01**	**SS01**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP01**	**TP01_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP01**	**TP01_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP02**	**TP02_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP04**	**TP04-0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP04**	**TP04_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP05**	**TP05_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP06**	**TP06_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP06**	**TP06_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP07**	**TP07_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP07**	**TP07_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP09**	**TP09_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP09**	**TP09_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP10**	**TP10_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP11**	**TP11_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP12**	**TP12_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP13**	**TP13_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP14**	**TP14_0.2**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP14**	**TP14_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP15**	**TP15_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP15**	**TP15_0.5**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					cyclic Aromatic Hydrocarbons										Polynuclear Aromatic Hydrocarbons															
					n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.05	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			**11,000**												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*29,000*																	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																											
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	1	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	2.5	<0.5	<0.5	<0.5	<0.5	-	2.9	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	<0.2	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	-	<1	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the rel

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Phenolic Compounds																							Polych
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Sum of Phenols	Total PCBs	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1	0.2	4	4	5	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																															
DU02	**TP01**	**535_CLOR_QC100_240115**	**15 Jan 2024**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP01**	**535_CLOR_QC200_240115**	**15 Jan 2024**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	<5	-	<0.1	<0.1	<0.1
DU02	**TP01**	**535_CLOR_TP01_0.5_240115**	**15 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP03**	**535_CLOR_QC100_230330**	**30 Mar 2023**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP03**	**535_CLOR_TP03_0.1_240115**	**15 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**AECOM2023c_TP03**	**535_CLOR_TP03_0.4_230330**	**30 Mar 2023**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP16**	**535_CLOR_QC200_230330**	**30 Mar 2023**	**Interlab_D**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1
DU02	**AECOM2023c_TP16**	**535_CLOR_TP16_0.2_230330**	**30 Mar 2023**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**AECOM2023c_TP18**	**535_CLOR_TP18_0.2_230330**	**30 Mar 2023**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP29**	**535_CLOR_TP29_0.3_240115**	**15 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP34**	**535_CLOR_TP34_0.3_240116**	**16 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP37**	**535_CLOR_TP37_0.5_240116**	**16 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP46**	**535_CLOR_QC100_240116**	**16 Jan 2024**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP46**	**535_CLOR_QC200_240116**	**16 Jan 2024**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	-	-	<0.1	<0.1	<0.1
DU02	**TP46**	**535_CLOR_TP46_0.1_240116**	**16 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP71**	**535_CLOR_TP71_0.5_240122**	**22 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP80**	**535_CLOR_QC100_240122**	**22 Jan 2024**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP80**	**535_CLOR_QC200_240122**	**22 Jan 2024**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	-	-	<0.1	<0.1	<0.1
DU02	**TP80**	**535_CLOR_QC200_240122 - [TRIPLICATE]**	**22 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**TP80**	**535_CLOR_TP80_0.1_240122**	**22 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP92**	**535_CLOR_TP92_0.3_240122**	**22 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP99**	**535_CLOR_TP99_0.3_240118**	**18 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP101**	**535_CLOR_TP101_0.5_240119**	**19 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP120**	**535_CLOR_QC100_240118**	**18 Jan 2024**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP120**	**535_CLOR_QC200_240118**	**18 Jan 2024**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	-	-	<0.1	<0.1	<0.1
DU02	**TP99**	**535_CLOR_TP99_0.3_240118**	**18 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP101**	**535_CLOR_TP101_0.5_240119**	**19 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP120**	**535_CLOR_QC100_240118**	**18 Jan 2024**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**TP120**	**535_CLOR_QC200_240118**	**18 Jan 2024**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	-	-	<0.1	<0.1	<0.1
DU02	**TP120**	**535_CLOR_QC200_240118 - [TRIPLICATE]**	**18 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**TP120**	**535_CLOR_TP120_0.1_240118**	**18 Jan 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	<0.1	-	-
DU02	**WSP2016c_CMW01**	**CMW01_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW02**	**CMW02_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW02**	**CMW02_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW04**	**CMW04_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW04**	**CMW04_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW06**	**CMW06_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_HA01**	**HA01_0.2**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_HA02**	**HA02_0.3**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_SS01**	**SS01**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP01**	**TP01_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP01**	**TP01_1.0**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP02**	**TP02_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP04**	**TP04-0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP04**	**TP04_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP05**	**TP05_0.5**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP06**	**TP06_0.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP06**	**TP06_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP07**	**TP07_0.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP07**	**TP07_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP09**	**TP09_0.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP09**	**TP09_1.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP10**	**TP10_0.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP11**	**TP11_0.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP12**	**TP12_0.5**	**06 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP13**	**TP13_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP14**	**TP14_0.2**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP14**	**TP14_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP15**	**TP15_0.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP15**	**TP15_0.5**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Phenolic Compounds																						Polych
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Sum of Phenols	Total PCBs	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1	0.2	4	4	5	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																															
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	5.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	-	1.5	<1	<1	<1	<1	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	-	0.6	<0.5	<0.5	<0.5	<0.5	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the rel

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					orinated Biphenyls					Chlorinated Hydrocarbons		Sulfonated Compounds																				Orga
					Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.05	0.05	0.05	0.05	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																											
DU02	**TP01**	**535_CLOR_QC100_240115**	**15 Jan 2024**	**Field_D**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP01**	**535_CLOR_QC200_240115**	**15 Jan 2024**	**Interlab_D**	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	<0.1	<0.1	-
DU02	**TP01**	**535_CLOR_TP01_0.5_240115**	**15 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP03**	**535_CLOR_QC100_230330**	**30 Mar 2023**	**Field_D**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP03**	**535_CLOR_TP03_0.1_240115**	**15 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**AECOM2023c_TP03**	**535_CLOR_TP03_0.4_230330**	**30 Mar 2023**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP16**	**535_CLOR_QC200_230330**	**30 Mar 2023**	**Interlab_D**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2
DU02	**AECOM2023c_TP16**	**535_CLOR_TP16_0.2_230330**	**30 Mar 2023**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**AECOM2023c_TP18**	**535_CLOR_TP18_0.2_230330**	**30 Mar 2023**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP29**	**535_CLOR_TP29_0.3_240115**	**15 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP34**	**535_CLOR_TP34_0.3_240116**	**16 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP37**	**535_CLOR_TP37_0.5_240116**	**16 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP46**	**535_CLOR_QC100_240116**	**16 Jan 2024**	**Field_D**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP46**	**535_CLOR_QC200_240116**	**16 Jan 2024**	**Interlab_D**	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	<0.1	<0.1	-
DU02	**TP46**	**535_CLOR_TP46_0.1_240116**	**16 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP71**	**535_CLOR_TP71_0.5_240122**	**22 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP80**	**535_CLOR_QC100_240122**	**22 Jan 2024**	**Field_D**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP80**	**535_CLOR_QC200_240122**	**22 Jan 2024**	**Interlab_D**	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	<0.1	<0.1	-
DU02	**TP80**	**535_CLOR_QC200_240122 - [TRIPLICATE]**	**22 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**TP80**	**535_CLOR_TP80_0.1_240122**	**22 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP92**	**535_CLOR_TP92_0.3_240122**	**22 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP99**	**535_CLOR_TP99_0.3_240118**	**18 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP101**	**535_CLOR_TP101_0.5_240119**	**19 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP120**	**535_CLOR_QC100_240118**	**18 Jan 2024**	**Field_D**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**TP120**	**535_CLOR_QC200_240118**	**18 Jan 2024**	**Interlab_D**	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	<0.1	<0.1	-
DU02	**TP120**	**535_CLOR_QC200_240118 - [TRIPLICATE]**	**18 Jan 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**TP120**	**535_CLOR_TP120_0.1_240118**	**18 Jan 2024**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.2_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW150**	**PMW150_0.5_250123**	**23 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW151**	**PMW151_0.0_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW152**	**PMW152_0.4_250120**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW154**	**PMW154_0.9_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.4_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW155**	**PMW155_0.9_250122**	**22 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_0.0_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**PMW156**	**PMW156_1.4_250121**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW01**	**CMW01_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW02**	**CMW02_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW02**	**CMW02_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW04**	**CMW04_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW04**	**CMW04_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_CMW06**	**CMW06_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_HA01**	**HA01_0.2**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_HA02**	**HA02_0.3**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_SS01**	**SS01**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP01**	**TP01_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP01**	**TP01_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP02**	**TP02_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP04**	**TP04-0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP04**	**TP04_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP05**	**TP05_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP06**	**TP06_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP06**	**TP06_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP07**	**TP07_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP07**	**TP07_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP09**	**TP09_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP09**	**TP09_1.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP10**	**TP10_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP11**	**TP11_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP12**	**TP12_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP13**	**TP13_0.2**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP14**	**TP14_0.2**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP14**	**TP14_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP15**	**TP15_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP15**	**TP15_0.5**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					orinated Biphenyls					Chlorinated Hydrocarbons		Sulfonated Compounds																				Orga
					Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.05	0.05	0.05	0.05	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																											
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the rel

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					nophosphorus Pesticides (OP)																										
					Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.05	0.05	0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																											
DU02	TP01	535_CLOR_QC100_240115	15 Jan 2024	Field_D	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP01	535_CLOR_QC200_240115	15 Jan 2024	Interlab_D	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU02	TP01	535_CLOR_TP01_0.5_240115	15 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP03	535_CLOR_QC100_230330	30 Mar 2023	Field_D	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP03	535_CLOR_TP03_0.1_240115	15 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	AECOM2023c_TP03	535_CLOR_TP03_0.4_230330	30 Mar 2023	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP16	535_CLOR_QC200_230330	30 Mar 2023	Interlab_D	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	AECOM2023c_TP16	535_CLOR_TP16_0.2_230330	30 Mar 2023	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	AECOM2023c_TP18	535_CLOR_TP18_0.2_230330	30 Mar 2023	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP29	535_CLOR_TP29_0.3_240115	15 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP34	535_CLOR_TP34_0.3_240116	16 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP37	535_CLOR_TP37_0.5_240116	16 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP46	535_CLOR_QC100_240116	16 Jan 2024	Field_D	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP46	535_CLOR_QC200_240116	16 Jan 2024	Interlab_D	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU02	TP46	535_CLOR_TP46_0.1_240116	16 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP71	535_CLOR_TP71_0.5_240122	22 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP80	535_CLOR_QC100_240122	22 Jan 2024	Field_D	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP80	535_CLOR_QC200_240122	22 Jan 2024	Interlab_D	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU02	TP80	535_CLOR_QC200_240122 - [TRIPLICATE]	22 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP80	535_CLOR_TP80_0.1_240122	22 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP92	535_CLOR_TP92_0.3_240122	22 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP99	535_CLOR_TP99_0.3_240118	18 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP101	535_CLOR_TP101_0.5_240119	19 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP120	535_CLOR_QC100_240118	18 Jan 2024	Field_D	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	TP120	535_CLOR_QC200_240118	18 Jan 2024	Interlab_D	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU02	TP120	535_CLOR_QC200_240118 - [TRIPLICATE]	18 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP120	535_CLOR_TP120_0.1_240118	18 Jan 2024	Normal	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW01	CMW01_0.2	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW02	CMW02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW02	CMW02_1.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_2.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW06	CMW06_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA01	HA01_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA02	HA02_0.3	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_SS01	SS01	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_1.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP02	TP02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04-0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP05	TP05_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP07	TP07_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP07	TP07_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	TP09_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	TP09_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP10	TP10_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP11	TP11_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP12	TP12_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP13	TP13_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.5	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP15	TP15_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP15	TP15_0.5	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					nophosphorus Pesticides (OP)																											
					Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.05	0.05	0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																																
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the rel

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																					Halogenated Aromatic C				
					g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																																
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	TP01	535_CLOR_QC100_240115	15 Jan 2024	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP01	535_CLOR_QC200_240115	15 Jan 2024	Interlab_D	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<1	<1	<1	<1	<1
DU02	TP01	535_CLOR_TP01_0.5_240115	15 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP03	535_CLOR_QC100_230330	30 Mar 2023	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP03	535_CLOR_TP03_0.1_240115	15 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	AECOM2023c_TP03	535_CLOR_TP03_0.4_230330	30 Mar 2023	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP16	535_CLOR_QC200_230330	30 Mar 2023	Interlab_D	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	-	<0.1	<0.1	<0.5	<0.5	-	<0.5	<0.5
DU02	AECOM2023c_TP16	535_CLOR_TP16_0.2_230330	30 Mar 2023	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	AECOM2023c_TP18	535_CLOR_TP18_0.2_230330	30 Mar 2023	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP29	535_CLOR_TP29_0.3_240115	15 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP34	535_CLOR_TP34_0.3_240116	16 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP37	535_CLOR_TP37_0.5_240116	16 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP46	535_CLOR_QC100_240116	16 Jan 2024	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP46	535_CLOR_QC200_240116	16 Jan 2024	Interlab_D	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<1	<1	<1	<1	<1
DU02	TP46	535_CLOR_TP46_0.1_240116	16 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP71	535_CLOR_TP71_0.5_240122	22 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP80	535_CLOR_QC100_240122	22 Jan 2024	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP80	535_CLOR_QC200_240122	22 Jan 2024	Interlab_D	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<1	<1	<1	<1	<1
DU02	TP80	535_CLOR_QC200_240122 - [TRIPLICATE]	22 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP80	535_CLOR_TP80_0.1_240122	22 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP92	535_CLOR_TP92_0.3_240122	22 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP99	535_CLOR_TP99_0.3_240118	18 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP101	535_CLOR_TP101_0.5_240119	19 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP120	535_CLOR_QC100_240118	18 Jan 2024	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP120	535_CLOR_QC200_240118	18 Jan 2024	Interlab_D	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<1	<1	<1	<1	<1
DU02	TP120	535_CLOR_QC200_240118 - [TRIPLICATE]	18 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP120	535_CLOR_TP120_0.1_240118	18 Jan 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW01	CMW01_0.2	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW02	CMW02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW02	CMW02_1.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_2.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW06	CMW06_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA01	HA01_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA02	HA02_0.3	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_SS01	SS01	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_1.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP02	TP02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04-0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP05	TP05_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP07	TP07_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP07	TP07_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	TP09_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	TP09_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP10	TP10_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP11	TP11_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP12	TP12_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP13	TP13_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.5	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP15	TP15_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP15	TP15_0.5	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																					Halogenated Aromatic C				
					g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																																
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the rel

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					ompounds				Halogenated Aliphatic Compounds																							
					1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																																
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	TP01	535_CLOR_QC100_240115	15 Jan 2024	Field_D	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP01	535_CLOR_QC200_240115	15 Jan 2024	Interlab_D	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
DU02	TP01	535_CLOR_TP01_0.5_240115	15 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP03	535_CLOR_QC100_230330	30 Mar 2023	Field_D	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP03	535_CLOR_TP03_0.1_240115	15 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	AECOM2023c_TP03	535_CLOR_TP03_0.4_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP16	535_CLOR_QC200_230330	30 Mar 2023	Interlab_D	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU02	AECOM2023c_TP16	535_CLOR_TP16_0.2_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	AECOM2023c_TP18	535_CLOR_TP18_0.2_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP29	535_CLOR_TP29_0.3_240115	15 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP34	535_CLOR_TP34_0.3_240116	16 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP37	535_CLOR_TP37_0.5_240116	16 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP46	535_CLOR_QC100_240116	16 Jan 2024	Field_D	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP46	535_CLOR_QC200_240116	16 Jan 2024	Interlab_D	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
DU02	TP46	535_CLOR_TP46_0.1_240116	16 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP71	535_CLOR_TP71_0.5_240122	22 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP80	535_CLOR_QC100_240122	22 Jan 2024	Field_D	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP80	535_CLOR_QC200_240122	22 Jan 2024	Interlab_D	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
DU02	TP80	535_CLOR_QC200_240122 - [TRIPLICATE]	22 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP80	535_CLOR_TP80_0.1_240122	22 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP92	535_CLOR_TP92_0.3_240122	22 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP99	535_CLOR_TP99_0.3_240118	18 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP101	535_CLOR_TP101_0.5_240119	19 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP120	535_CLOR_QC100_240118	18 Jan 2024	Field_D	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	TP120	535_CLOR_QC200_240118	18 Jan 2024	Interlab_D	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
DU02	TP120	535_CLOR_QC200_240118 - [TRIPLICATE]	18 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP120	535_CLOR_TP120_0.1_240118	18 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW01	CMW01_0.2	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW02	CMW02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW02	CMW02_1.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_2.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW06	CMW06_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA01	HA01_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA02	HA02_0.3	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_SS01	SS01	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_1.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP02	TP02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04-0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP05	TP05_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP07	TP07_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP07	TP07_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	TP09_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	TP09_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP10	TP10_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP11	TP11_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP12	TP12_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP13	TP13_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.5	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP15	TP15_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP15	TP15_0.5	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					ompounds				Halogenated Aliphatic Compounds																							
					1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																																
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																												
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the rel

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

											Trihalomethanes				Fumigants					Oxygenated Compounds					Physio-Chemical Parameters		Volatile Aliphatic Hydrocarbons
					cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	Cyclohexane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																									
DU02	TP01	535_CLOR_QC100_240115	15 Jan 2024	Field_D	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	20.4	-	-
DU02	TP01	535_CLOR_QC200_240115	15 Jan 2024	Interlab_D	-	<1	<1	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	5.5	<1
DU02	TP01	535_CLOR_TP01_0.5_240115	15 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	19.5	-	-
DU02	TP03	535_CLOR_QC100_230330	30 Mar 2023	Field_D	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	19.5	-	-
DU02	TP03	535_CLOR_TP03_0.1_240115	15 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	1.5	-	-
DU02	AECOM2023c_TP03	535_CLOR_TP03_0.4_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	19.9	-	-
DU02	TP16	535_CLOR_QC200_230330	30 Mar 2023	Interlab_D	-	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	23	-
DU02	AECOM2023c_TP16	535_CLOR_TP16_0.2_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.4	-	-
DU02	AECOM2023c_TP18	535_CLOR_TP18_0.2_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7.4	-	-
DU02	TP29	535_CLOR_TP29_0.3_240115	15 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	22.9	-	-
DU02	TP34	535_CLOR_TP34_0.3_240116	16 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	9.4	-	-
DU02	TP37	535_CLOR_TP37_0.5_240116	16 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	12.4	-	-
DU02	TP46	535_CLOR_QC100_240116	16 Jan 2024	Field_D	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	13.5	-	-
DU02	TP46	535_CLOR_QC200_240116	16 Jan 2024	Interlab_D	-	<1	<1	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	5.8	<1
DU02	TP46	535_CLOR_TP46_0.1_240116	16 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	10.3	-	-
DU02	TP71	535_CLOR_TP71_0.5_240122	22 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.2	-	-
DU02	TP80	535_CLOR_QC100_240122	22 Jan 2024	Field_D	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.1	-	-
DU02	TP80	535_CLOR_QC200_240122	22 Jan 2024	Interlab_D	-	<1	<1	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	13	<1
DU02	TP80	535_CLOR_QC200_240122 - [TRIPLICATE]	22 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP80	535_CLOR_TP80_0.1_240122	22 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.0	-	-
DU02	TP92	535_CLOR_TP92_0.3_240122	22 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	4.6	-	-
DU02	TP99	535_CLOR_TP99_0.3_240118	18 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7.2	-	-
DU02	TP101	535_CLOR_TP101_0.5_240119	19 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	22.9	-	-
DU02	TP120	535_CLOR_QC100_240118	18 Jan 2024	Field_D	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	21.5	-	-
DU02	TP120	535_CLOR_QC200_240118	18 Jan 2024	Interlab_D	-	<1	<1	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-	6.1	<1
DU02	TP120	535_CLOR_QC200_240118 - [TRIPLICATE]	18 Jan 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	TP120	535_CLOR_TP120_0.1_240118	18 Jan 2024	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	20.6	-	-
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	3.1	-	-
DU02	PMW150	PMW150_0.2_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	1.5	-	-
DU02	PMW150	PMW150_0.5_250123	23 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.2	-	-
DU02	PMW151	PMW151_0.0_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.1	-	-
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	-	-	16.7	-	-
DU02	PMW152	PMW152_0.4_250120	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	18.2	-	-
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	-	-	15.8	-	-
DU02	PMW154	PMW154_0.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	17.8	-	-
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	-	-	11.1	-	-
DU02	PMW154	PMW154_0.9_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	16.8	-	-
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	-	-	7.3	-	-
DU02	PMW155	PMW155_0.4_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	7.1	-	-
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	-	-	10.9	-	-
DU02	PMW155	PMW155_0.9_250122	22 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	12.1	-	-
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	-	-	21.0	-	-
DU02	PMW156	PMW156_0.0_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	22.8	-	-
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	-	-	8.0	-	-
DU02	PMW156	PMW156_1.4_250121	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	-	-	16.5	-	-
DU02	WSP2016c_CMW01	CMW01_0.2	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	WSP2016c_CMW02	CMW02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	WSP2016c_CMW02	CMW02_1.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	CMW04_2.0	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW06	CMW06_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA01	HA01_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_HA02	HA02_0.3	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_SS01	SS01	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP01	TP01_1.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP02	TP02_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04-0.0	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP04	TP04_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP05	TP05_0.5	03 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	TP06_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP07	TP07_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	WSP2016c_TP07	TP07_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	TP09_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	WSP2016c_TP09	TP09_1.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP10	TP10_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP11	TP11_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP12	TP12_0.5	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	WSP2016c_TP13	TP13_0.2	06 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.2	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP14	TP14_0.5	29 Apr 2016	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP15	TP15_0.0	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	WSP2016c_TP15	TP15_0.5	10 Nov 2015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU02 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										Trihalomethanes				Fumigants					Oxygenated Compounds					Physio-Chemical Parameters		Volatile Aliphatic Hydrocarbons	
					cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	Cyclohexane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																									
DU02	**WSP2016c_TP16**	**TP16_0.0**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP16**	**TP16_0.6**	**10 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.0**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP17**	**TP17_0.5**	**29 Apr 2016**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP18**	**TP18-0.3**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP19**	**TP19_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_0.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP25**	**TP25_1.5**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP26**	**TP26_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP27**	**TP27_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP28**	**TP28_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP29**	**TP29_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP30**	**TP30_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	**WSP2016c_TP30**	**TP30_2.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_0.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP31**	**TP31_1.0**	**06 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.2**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU02	**WSP2016c_TP32**	**TP32_0.5**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<5	<5	<5	<5	<5	-	-	-
DU02	**WSP2016c_TP32**	**TP32_1.0**	**03 Nov 2015**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS01**	**T282_SS01**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS02**	**T282_SS02**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS03**	**T282_SS03**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS04**	**T282_SS04**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS05**	**T282_SS05**	**24 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS06**	**T282_SS06**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS07**	**T282_SS07**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS08**	**T282_SS08**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_T282_SS09**	**T282_SS09**	**29 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH15**	**BH15_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH16**	**BH16_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_BH17**	**BH17_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP12**	**CTP12_0.3**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	**WSP2023i_CTP14**	**CTP14_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the rel

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU02 - 1d: Soil Analytical Results – PFAS Screening

						Per- and Poly-fluoroalkyl Substances																
						Perfluorobutane sulfonic acid (PFBS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)	Sum of US EPA PFAS (PFOS + PFOA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.0002	0.0001	0.0001	0.001	0.0002	0.0002	0.0002	0.0001	0.0005	0.0001	0.0002	0.0005	0.0001	0.0001	0.0002	0.005	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial							20[#1]	20[#1]					50					20				
Monitoring Zone	**Source**	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU02	Pipeway	AECOM2023c_TP03	535_CLOR_QC100_230330	30 Mar 2023	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Pipeway	AECOM2023c_TP03	535_CLOR_TP03_0.4_230330	30 Mar 2023	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Pipeway	AECOM2023c_TP16	535_CLOR_QC200_230330	30 Mar 2023	Interlab_D	-	<0.005	<0.005	-	-	-	-	<0.005	-	<0.01	-	-	<0.005	-	-	<0.005	<0.005
DU02	Pipeway	AECOM2023c_TP16	535_CLOR_TP16_0.2_230330	30 Mar 2023	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Pipeway	AECOM2023c_TP18	535_CLOR_TP18_0.2_230330	30 Mar 2023	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	WSP2023i_BH15	BH15_0.3	25 Aug 2023	Normal	-	-	-	-	-	-	-	<0.005	-	-	-	-	<0.005	-	-	-	-
DU02	Tank farm	WSP2023i_BH16	BH16_0.3	25 Aug 2023	Normal	-	-	-	-	-	-	-	<0.005	-	-	-	-	<0.005	-	-	-	-
DU02	Tank farm	WSP2023i_BH17	BH17_1.2	25 Aug 2023	Normal	-	-	-	-	-	-	-	<0.005	-	-	-	-	<0.005	-	-	-	-
DU02	Tank farm	WSP2023i_CTP12	CTP12_0.3	25 Aug 2023	Normal	-	-	-	-	-	-	-	<0.005	-	-	-	-	<0.005	-	-	-	-
DU02	Tank farm	WSP2023i_CTP14	CTP14_1.2	25 Aug 2023	Normal	-	-	-	-	-	-	-	<0.005	-	-	-	-	<0.005	-	-	-	-
DU02	Tank farm	AECOM2024c_TP01	535_CLOR_QC100_240115	15 Jan 2024	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP01	535_CLOR_QC200_240115	15 Jan 2024	Interlab_D	-	<0.0001	<0.0001	-	-	-	-	<0.0001	-	<0.0001	<0.0002	-	<0.0001	<0.0001	-	-	<0.0001
DU02	Tank farm	AECOM2024c_TP01	535_CLOR_TP01_0.5_240115	15 Jan 2024	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP03	535_CLOR_TP03_0.1_240115	15 Jan 2024	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP29	535_CLOR_TP29_0.3_240115	15 Jan 2024	Normal	<0.0002	<0.0002	0.0008	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	-	0.0008	-	-
DU02	Tank farm	AECOM2024c_TP34	535_CLOR_TP34_0.3_240116	16 Jan 2024	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP37	535_CLOR_TP37_0.5_240116	16 Jan 2024	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP46	535_CLOR_QC100_240116	16 Jan 2024	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP46	535_CLOR_QC200_240116	16 Jan 2024	Interlab_D	-	<0.0001	<0.0001	-	-	-	-	<0.0001	-	<0.0001	<0.0002	-	<0.0001	<0.0001	-	-	<0.0001
DU02	Tank farm	AECOM2024c_TP46	535_CLOR_TP46_0.1_240116	16 Jan 2024	Normal	<0.0002	0.0002	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	-	0.0007	-	-
DU02	Tank farm	AECOM2024c_TP99	535_CLOR_TP99_0.3_240118	18 Jan 2024	Normal	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-	-
DU02	Tank farm	AECOM2024c_TP120	535_CLOR_QC100_240118	18 Jan 2024	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP120	535_CLOR_QC200_240118	18 Jan 2024	Interlab_D	-	<0.0001	0.0001	-	-	-	-	<0.0001	-	<0.0001	<0.0002	-	0.0001	0.0001	-	-	0.0001
DU02	Tank farm	AECOM2024c_TP120	535_CLOR_TP120_0.1_240118	18 Jan 2024	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP101	535_CLOR_TP101_0.5_240119	19 Jan 2024	Normal	<0.0002	0.0003	0.0035	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0038	-	0.0038	-	-
DU02	Tank farm	AECOM2024c_TP71	535_CLOR_TP71_0.5_240122	22 Jan 2024	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP80	535_CLOR_QC100_240122	22 Jan 2024	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
DU02	Tank farm	AECOM2024c_TP80	535_CLOR_QC200_240122	22 Jan 2024	Interlab_D	-	<0.0001	0.0003	-	-	-	-	0.0001	-	<0.0001	<0.0002	-	0.0003	0.0004	-	-	0.0004
DU02	Tank farm	AECOM2024c_TP80	535_CLOR_TP80_0.1_240122	22 Jan 2024	Normal	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-	-
DU02	Tank farm	AECOM2024c_TP92	535_CLOR_TP92_0.3_240122	22 Jan 2024	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos													
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP01	30 Mar 2023	535_CLOR_TP01_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	614	0.614	0[#3]	<0.0004
	TP01	30 Mar 2023	535_CLOR_TP01_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	565	0.565	0[#3]	<0.0004
	TP01	15 Jan 2024	535_CLOR_TP01_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP01	15 Jan 2024	535_CLOR_TP01_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP01	15 Jan 2024	535_CLOR_TP01_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP02	30 Mar 2023	535_CLOR_TP02_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	675	0.675	0[#3]	<0.0004
	TP02	30 Mar 2023	535_CLOR_TP02_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	611	0.611	0[#3]	<0.0004
	TP02	15 Jan 2024	535_CLOR_TP02_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP02	15 Jan 2024	535_CLOR_TP02_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0001	-	-	-	-	-
	TP02	15 Jan 2024	535_CLOR_TP02_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP03	30 Mar 2023	535_CLOR_TP03_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	572	0.572	0[#3]	<0.0004
	TP03	30 Mar 2023	535_CLOR_TP03_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	742	0.742	0[#3]	<0.0004
	TP03	15 Jan 2024	535_CLOR_TP03_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP03	15 Jan 2024	535_CLOR_TP03_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP03	15 Jan 2024	535_CLOR_TP03_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP04	30 Mar 2023	535_CLOR_TP04_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	576	0.576	0[#3]	<0.0004
	TP04	30 Mar 2023	535_CLOR_TP04_0.4_230330	Normal	0[#6]	1[#5]	-	0.016	1[#2]	-	0[#3]	0.104	0[#3]	643	0.643	0[#3]	<0.0004
	TP04	15 Jan 2024	535_CLOR_TP04_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP04	15 Jan 2024	535_CLOR_TP04_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP04	15 Jan 2024	535_CLOR_TP04_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP05	30 Mar 2023	535_CLOR_TP05_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	429	0.429	0[#3]	<0.0004
	TP05	30 Mar 2023	535_CLOR_TP05_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	639	0.639	0[#3]	<0.0004
	TP05	15 Jan 2024	535_CLOR_TP05_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP05	15 Jan 2024	535_CLOR_TP05_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP05	15 Jan 2024	535_CLOR_TP05_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP06	30 Mar 2023	535_CLOR_TP06_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	743	0.743	0[#3]	<0.0004
	TP06	30 Mar 2023	535_CLOR_TP06_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	692	0.692	0[#3]	<0.0004
	TP06	15 Jan 2024	535_CLOR_TP06_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0016	-	-	-	-	-
	TP06	15 Jan 2024	535_CLOR_TP06_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP06	15 Jan 2024	535_CLOR_TP06_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0012	-	-	-	-	-
	TP07	30 Mar 2023	535_CLOR_TP07_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	592	0.592	0[#3]	<0.0004
	TP07	30 Mar 2023	535_CLOR_TP07_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	536	0.536	0[#3]	<0.0004
	TP07	15 Jan 2024	535_CLOR_TP07_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP07	15 Jan 2024	535_CLOR_TP07_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP07	15 Jan 2024	535_CLOR_TP07_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP08	30 Mar 2023	535_CLOR_TP08_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	618	0.618	0[#3]	<0.0004
	TP08	30 Mar 2023	535_CLOR_TP08_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	612	0.612	0[#3]	<0.0004
	TP08	15 Jan 2024	535_CLOR_TP08_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP08	15 Jan 2024	535_CLOR_TP08_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP08	15 Jan 2024	535_CLOR_TP08_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP09	30 Mar 2023	535_CLOR_TP09_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	607	0.607	0[#3]	<0.0004
	TP09	30 Mar 2023	535_CLOR_TP09_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	592	0.592	0[#3]	<0.0004
	TP09	15 Jan 2024	535_CLOR_TP09_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP09	15 Jan 2024	535_CLOR_TP09_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0020	-	-	-	-	-
	TP09	15 Jan 2024	535_CLOR_TP09_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP10	30 Mar 2023	535_CLOR_TP10_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	782	0.782	0[#3]	<0.0004
	TP10	30 Mar 2023	535_CLOR_TP10_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	689	0.689	0[#3]	<0.0004
	TP10	15 Jan 2024	535_CLOR_TP10_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0037	-	-	-	-	-
	TP10	15 Jan 2024	535_CLOR_TP10_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP10	15 Jan 2024	535_CLOR_TP10_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP11	30 Mar 2023	535_CLOR_TP11_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	698	0.698	0[#3]	<0.0004
	TP11	30 Mar 2023	535_CLOR_TP11_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	746	0.746	0[#3]	<0.0004

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP11	15 Jan 2024	535_CLOR_TP11_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP11	15 Jan 2024	535_CLOR_TP11_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP11	15 Jan 2024	535_CLOR_TP11_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP12	30 Mar 2023	535_CLOR_TP12_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	715	0.715	0[#3]	<0.0004
	TP12	30 Mar 2023	535_CLOR_TP12_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	674	0.674	0[#3]	<0.0004
	TP12	15 Jan 2024	535_CLOR_TP12_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP12	15 Jan 2024	535_CLOR_TP12_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP12	15 Jan 2024	535_CLOR_TP12_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP12	24 Jan 2024	535_CLOR_TP12_0.0-AS001	Normal	1[#8]	1[#5]	-	-	1[#7]	-	0[#3]	-	1[#9]	19.3	-	0[#3]	-
	TP13	30 Mar 2023	535_CLOR_TP13_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	767	0.767	0[#3]	<0.0004
	TP13	30 Mar 2023	535_CLOR_TP13_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	562	0.562	0[#3]	<0.0004
	TP13	15 Jan 2024	535_CLOR_TP13_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP13	15 Jan 2024	535_CLOR_TP13_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP13	15 Jan 2024	535_CLOR_TP13_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP14	30 Mar 2023	535_CLOR_TP14_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	705	0.705	0[#3]	<0.0004
	TP14	30 Mar 2023	535_CLOR_TP14_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	764	0.764	0[#3]	<0.0004
	TP14	15 Jan 2024	535_CLOR_TP14_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP14	15 Jan 2024	535_CLOR_TP14_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP14	15 Jan 2024	535_CLOR_TP14_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP14	24 Jan 2024	535_CLOR_TP14_0.0-AS002	Normal	1[#8]	1[#10]	-	-	1[#7]	-	0[#3]	-	1[#9]	75.6	-	0[#3]	-
	TP15	30 Mar 2023	535_CLOR_TP15_0.2_230330	Normal	1[#8]	1[#5]	-	0.022	1[#2]	-	1[#8]	0.134	0[#3]	617	0.617	0[#3]	<0.0004
	TP15	30 Mar 2023	535_CLOR_TP15_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	620	0.62	0[#3]	<0.0004
	TP15	15 Jan 2024	535_CLOR_TP15_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP15	15 Jan 2024	535_CLOR_TP15_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP15	15 Jan 2024	535_CLOR_TP15_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP16	30 Mar 2023	535_CLOR_TP16_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	733	0.733	0[#3]	<0.0004
	TP16	30 Mar 2023	535_CLOR_TP16_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	654	0.654	0[#3]	<0.0004
	TP16	15 Jan 2024	535_CLOR_TP16_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP16	15 Jan 2024	535_CLOR_TP16_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP16	15 Jan 2024	535_CLOR_TP16_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP17	30 Mar 2023	535_CLOR_TP17_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	634	0.634	0[#3]	<0.0004
	TP17	30 Mar 2023	535_CLOR_TP17_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#2]	-	0[#3]	<0.0004	0[#3]	714	0.714	0[#3]	<0.0004
	TP17	15 Jan 2024	535_CLOR_TP17_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP17	15 Jan 2024	535_CLOR_TP17_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP17	15 Jan 2024	535_CLOR_TP17_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0024	-	-	-	-	-
	TP18	30 Mar 2023	535_CLOR_TP18_0.2_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#11]	-	0[#3]	<0.0004	0[#3]	684	0.684	0[#3]	<0.0004
	TP18	30 Mar 2023	535_CLOR_TP18_0.4_230330	Normal	0[#3]	1[#1]	-	<0.001	1[#11]	-	0[#3]	<0.0004	0[#3]	731	0.731	0[#3]	<0.0004
	TP18	15 Jan 2024	535_CLOR_TP18_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP18	15 Jan 2024	535_CLOR_TP18_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP18	15 Jan 2024	535_CLOR_TP18_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP19	15 Jan 2024	535_CLOR_TP19_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP19	15 Jan 2024	535_CLOR_TP19_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP19	15 Jan 2024	535_CLOR_TP19_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP20	15 Jan 2024	535_CLOR_TP20_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP20	15 Jan 2024	535_CLOR_TP20_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP20	15 Jan 2024	535_CLOR_TP20_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP20	24 Jan 2024	535_CLOR_TP20_0.0-AS003	Normal	1[#8]	1[#5]	-	-	1[#7]	-	0[#3]	-	1[#9]	26.0	-	0[#3]	-
	TP21	15 Jan 2024	535_CLOR_TP21_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP21	15 Jan 2024	535_CLOR_TP21_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP21	15 Jan 2024	535_CLOR_TP21_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP22	15 Jan 2024	535_CLOR_TP22_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0018	-	-	-	-	-

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP22	15 Jan 2024	535_CLOR_TP22_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP23	15 Jan 2024	535_CLOR_TP23_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP23	15 Jan 2024	535_CLOR_TP23_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP24	15 Jan 2024	535_CLOR_TP24_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP24	15 Jan 2024	535_CLOR_TP24_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP25	15 Jan 2024	535_CLOR_TP25_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0001	-	-	-	-	-
	TP25	15 Jan 2024	535_CLOR_TP25_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP25	15 Jan 2024	535_CLOR_TP25_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP26	15 Jan 2024	535_CLOR_TP26_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP26	15 Jan 2024	535_CLOR_TP26_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0001	-	-	-	-	-
	TP26	15 Jan 2024	535_CLOR_TP26_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP27	15 Jan 2024	535_CLOR_TP27_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP27	15 Jan 2024	535_CLOR_TP27_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP27	15 Jan 2024	535_CLOR_TP27_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP28	15 Jan 2024	535_CLOR_TP28_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP28	15 Jan 2024	535_CLOR_TP28_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP29	15 Jan 2024	535_CLOR_TP29_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP29	15 Jan 2024	535_CLOR_TP29_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP29	15 Jan 2024	535_CLOR_TP29_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP29	15 Jan 2024	535_CLOR_TP29_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP30	15 Jan 2024	535_CLOR_TP30_0.1_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP30	15 Jan 2024	535_CLOR_TP30_0.3_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP30	15 Jan 2024	535_CLOR_TP30_0.5_240115	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP31	16 Jan 2024	535_CLOR_TP31_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP32	16 Jan 2024	535_CLOR_TP32_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP32	16 Jan 2024	535_CLOR_TP32_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP32	24 Jan 2024	535_CLOR_TP32_0.0-AS004	Normal	1[#8]	1[#5]	-	-	1[#7]	-	0[#3]	-	1[#9]	31.5	-	0[#3]	-
	TP33	16 Jan 2024	535_CLOR_TP33_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP33	16 Jan 2024	535_CLOR_TP33_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP33	16 Jan 2024	535_CLOR_TP33_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP34	16 Jan 2024	535_CLOR_TP34_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0018	-	-	-	-	-
	TP34	16 Jan 2024	535_CLOR_TP34_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP34	16 Jan 2024	535_CLOR_TP34_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP35	16 Jan 2024	535_CLOR_TP35_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP35	16 Jan 2024	535_CLOR_TP35_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP36	16 Jan 2024	535_CLOR_TP36_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP36	16 Jan 2024	535_CLOR_TP36_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP36	16 Jan 2024	535_CLOR_TP36_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP37	16 Jan 2024	535_CLOR_TP37_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP37	16 Jan 2024	535_CLOR_TP37_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP37	16 Jan 2024	535_CLOR_TP37_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP38	16 Jan 2024	535_CLOR_TP38_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP38	16 Jan 2024	535_CLOR_TP38_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP39	16 Jan 2024	535_CLOR_TP39_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP40	16 Jan 2024	535_CLOR_TP40_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP40	16 Jan 2024	535_CLOR_TP40_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP40	16 Jan 2024	535_CLOR_TP40_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP41	16 Jan 2024	535_CLOR_TP41_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP41	16 Jan 2024	535_CLOR_TP41_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP41	16 Jan 2024	535_CLOR_TP41_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP42	16 Jan 2024	535_CLOR_TP42_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP42	16 Jan 2024	535_CLOR_TP42_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP42	16 Jan 2024	535_CLOR_TP42_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP43	16 Jan 2024	535_CLOR_TP43_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP44	16 Jan 2024	535_CLOR_TP44_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP45	16 Jan 2024	535_CLOR_TP45_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0006	-	-	-	-	-
	TP46	16 Jan 2024	535_CLOR_TP46_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0018	-	-	-	-	-
	TP47	16 Jan 2024	535_CLOR_TP47_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP47	16 Jan 2024	535_CLOR_TP47_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP47	16 Jan 2024	535_CLOR_TP47_0.5_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP48	16 Jan 2024	535_CLOR_TP48_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP48	16 Jan 2024	535_CLOR_TP48_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP49	16 Jan 2024	535_CLOR_TP49_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP50	16 Jan 2024	535_CLOR_TP50_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP51	16 Jan 2024	535_CLOR_TP51_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP51	16 Jan 2024	535_CLOR_TP51_0.3_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP52	16 Jan 2024	535_CLOR_TP52_0.1_240116	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP53	22 Jan 2024	535_CLOR_TP53_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP53	22 Jan 2024	535_CLOR_TP53_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP53	22 Jan 2024	535_CLOR_TP53_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP54	19 Jan 2024	535_CLOR_TP54_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP54	19 Jan 2024	535_CLOR_TP54_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP54	19 Jan 2024	535_CLOR_TP54_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP55	19 Jan 2024	535_CLOR_TP55_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP55	19 Jan 2024	535_CLOR_TP55_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP55	19 Jan 2024	535_CLOR_TP55_0.5_240119	Normal	0	-	<0.01	0.0019	-	<0.1	-	0.0104	-	-	-	-	-
	TP56	19 Jan 2024	535_CLOR_TP56_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP56	19 Jan 2024	535_CLOR_TP56_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP56	19 Jan 2024	535_CLOR_TP56_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP57	19 Jan 2024	535_CLOR_TP57_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP57	19 Jan 2024	535_CLOR_TP57_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP57	19 Jan 2024	535_CLOR_TP57_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP58	22 Jan 2024	535_CLOR_TP58_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP58	22 Jan 2024	535_CLOR_TP58_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP58	22 Jan 2024	535_CLOR_TP58_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP59	19 Jan 2024	535_CLOR_TP59_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP59	19 Jan 2024	535_CLOR_TP59_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP59	19 Jan 2024	535_CLOR_TP59_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP60	19 Jan 2024	535_CLOR_TP60_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP60	19 Jan 2024	535_CLOR_TP60_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP60	19 Jan 2024	535_CLOR_TP60_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP61	19 Jan 2024	535_CLOR_TP61_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP61	19 Jan 2024	535_CLOR_TP61_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP61	19 Jan 2024	535_CLOR_TP61_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP62	19 Jan 2024	535_CLOR_TP62_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP62	19 Jan 2024	535_CLOR_TP62_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP62	19 Jan 2024	535_CLOR_TP62_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP63	19 Jan 2024	535_CLOR_TP63_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP63	19 Jan 2024	535_CLOR_TP63_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP63	19 Jan 2024	535_CLOR_TP63_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP64	19 Jan 2024	535_CLOR_TP64_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP64	19 Jan 2024	535_CLOR_TP64_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP64	19 Jan 2024	535_CLOR_TP64_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP65	19 Jan 2024	535_CLOR_TP65_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos													
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
	TP65	19 Jan 2024	535_CLOR_TP65_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP65	19 Jan 2024	535_CLOR_TP65_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP66	22 Jan 2024	535_CLOR_TP66_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP66	22 Jan 2024	535_CLOR_TP66_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP66	22 Jan 2024	535_CLOR_TP66_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP67	22 Jan 2024	535_CLOR_TP67_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP67	22 Jan 2024	535_CLOR_TP67_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP67	22 Jan 2024	535_CLOR_TP67_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP68	22 Jan 2024	535_CLOR_TP68_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP68	22 Jan 2024	535_CLOR_TP68_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP68	22 Jan 2024	535_CLOR_TP68_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP69	22 Jan 2024	535_CLOR_TP69_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP69	22 Jan 2024	535_CLOR_TP69_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP69	22 Jan 2024	535_CLOR_TP69_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP70	22 Jan 2024	535_CLOR_TP70_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP70	22 Jan 2024	535_CLOR_TP70_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP70	22 Jan 2024	535_CLOR_TP70_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP71	22 Jan 2024	535_CLOR_TP71_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP71	22 Jan 2024	535_CLOR_TP71_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP71	22 Jan 2024	535_CLOR_TP71_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP72	22 Jan 2024	535_CLOR_TP72_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP72	22 Jan 2024	535_CLOR_TP72_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP72	22 Jan 2024	535_CLOR_TP72_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP73	19 Jan 2024	535_CLOR_TP73_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP73	19 Jan 2024	535_CLOR_TP73_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP73	19 Jan 2024	535_CLOR_TP73_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP74	19 Jan 2024	535_CLOR_TP74_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP74	19 Jan 2024	535_CLOR_TP74_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP74	19 Jan 2024	535_CLOR_TP74_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP74	24 Jan 2024	535_CLOR_TP74_0.0-AS007	Normal	1[#8]	1[#12]	-	-	1[#7]	-	0[#3]	-	1[#9]	6.43	-	0[#3]	-
	TP75	19 Jan 2024	535_CLOR_TP75_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP75	19 Jan 2024	535_CLOR_TP75_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP75	19 Jan 2024	535_CLOR_TP75_0.5_240119	Normal	0	-	<0.01	0.0016	-	<0.1	-	0.0103	-	-	-	-	-
	TP76	22 Jan 2024	535_CLOR_TP76_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP76	22 Jan 2024	535_CLOR_TP76_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP76	22 Jan 2024	535_CLOR_TP76_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP77	22 Jan 2024	535_CLOR_TP77_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP77	22 Jan 2024	535_CLOR_TP77_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP77	22 Jan 2024	535_CLOR_TP77_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP78	22 Jan 2024	535_CLOR_TP78_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP78	22 Jan 2024	535_CLOR_TP78_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP78	22 Jan 2024	535_CLOR_TP78_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP79	22 Jan 2024	535_CLOR_TP79_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP79	22 Jan 2024	535_CLOR_TP79_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP79	22 Jan 2024	535_CLOR_TP79_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP80	22 Jan 2024	535_CLOR_TP80_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP80	22 Jan 2024	535_CLOR_TP80_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP80	22 Jan 2024	535_CLOR_TP80_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP81	22 Jan 2024	535_CLOR_TP81_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP81	22 Jan 2024	535_CLOR_TP81_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP81	22 Jan 2024	535_CLOR_TP81_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP82	22 Jan 2024	535_CLOR_TP82_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP82	22 Jan 2024	535_CLOR_TP82_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP82	22 Jan 2024	535_CLOR_TP82_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP83	22 Jan 2024	535_CLOR_TP83_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP83	22 Jan 2024	535_CLOR_TP83_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP83	22 Jan 2024	535_CLOR_TP83_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP84	22 Jan 2024	535_CLOR_TP84_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP84	22 Jan 2024	535_CLOR_TP84_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP84	22 Jan 2024	535_CLOR_TP84_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP85	22 Jan 2024	535_CLOR_TP85_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP85	22 Jan 2024	535_CLOR_TP85_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP85	22 Jan 2024	535_CLOR_TP85_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP86	22 Jan 2024	535_CLOR_TP86_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP86	22 Jan 2024	535_CLOR_TP86_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP86	22 Jan 2024	535_CLOR_TP86_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP87	22 Jan 2024	535_CLOR_TP87_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP87	22 Jan 2024	535_CLOR_TP87_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP87	22 Jan 2024	535_CLOR_TP87_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP88	22 Jan 2024	535_CLOR_TP88_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP88	22 Jan 2024	535_CLOR_TP88_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP88	22 Jan 2024	535_CLOR_TP88_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP89	22 Jan 2024	535_CLOR_TP89_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP89	22 Jan 2024	535_CLOR_TP89_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP89	22 Jan 2024	535_CLOR_TP89_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP90	22 Jan 2024	535_CLOR_TP90_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP90	22 Jan 2024	535_CLOR_TP90_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP90	22 Jan 2024	535_CLOR_TP90_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP90	24 Jan 2024	535_CLOR_TP90_0.0-AS008	Normal	1[#8]	1[#5]	-	-	1[#7]	-	0[#3]	-	1[#9]	8.06	-	0[#3]	-
	TP91	22 Jan 2024	535_CLOR_TP91_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP91	22 Jan 2024	535_CLOR_TP91_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP91	22 Jan 2024	535_CLOR_TP91_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP92	22 Jan 2024	535_CLOR_TP92_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP92	22 Jan 2024	535_CLOR_TP92_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP92	22 Jan 2024	535_CLOR_TP92_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP93	22 Jan 2024	535_CLOR_TP93_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP93	22 Jan 2024	535_CLOR_TP93_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP93	22 Jan 2024	535_CLOR_TP93_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP94	22 Jan 2024	535_CLOR_TP94_0.1_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP94	22 Jan 2024	535_CLOR_TP94_0.3_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP94	22 Jan 2024	535_CLOR_TP94_0.5_240122	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP95	19 Jan 2024	535_CLOR_TP95_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP95	19 Jan 2024	535_CLOR_TP95_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP95	19 Jan 2024	535_CLOR_TP95_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP96	19 Jan 2024	535_CLOR_TP96_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP96	19 Jan 2024	535_CLOR_TP96_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP96	19 Jan 2024	535_CLOR_TP96_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP97	19 Jan 2024	535_CLOR_TP97_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0007	-	-	-	-	-
	TP97	19 Jan 2024	535_CLOR_TP97_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0001	-	-	-	-	-
	TP97	19 Jan 2024	535_CLOR_TP97_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP98	19 Jan 2024	535_CLOR_TP98_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP98	19 Jan 2024	535_CLOR_TP98_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP98	19 Jan 2024	535_CLOR_TP98_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP99	19 Jan 2024	535_CLOR_TP99_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP99	19 Jan 2024	535_CLOR_TP99_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP99	19 Jan 2024	535_CLOR_TP99_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0019	-	-	-	-	-
	TP100	19 Jan 2024	535_CLOR_TP100_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP100	19 Jan 2024	535_CLOR_TP100_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP100	19 Jan 2024	535_CLOR_TP100_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP101	19 Jan 2024	535_CLOR_TP101_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP101	19 Jan 2024	535_CLOR_TP101_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP101	19 Jan 2024	535_CLOR_TP101_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP102	19 Jan 2024	535_CLOR_TP102_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0043	-	-	-	-	-
	TP102	19 Jan 2024	535_CLOR_TP102_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP102	19 Jan 2024	535_CLOR_TP102_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP103	18 Jan 2024	535_CLOR_TP103_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP103	18 Jan 2024	535_CLOR_TP103_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP103	18 Jan 2024	535_CLOR_TP103_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP104	19 Jan 2024	535_CLOR_TP104_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP104	19 Jan 2024	535_CLOR_TP104_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP104	19 Jan 2024	535_CLOR_TP104_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP105	19 Jan 2024	535_CLOR_TP105_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP105	19 Jan 2024	535_CLOR_TP105_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP105	19 Jan 2024	535_CLOR_TP105_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP106	19 Jan 2024	535_CLOR_TP106_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP106	19 Jan 2024	535_CLOR_TP106_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP106	19 Jan 2024	535_CLOR_TP106_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP106	24 Jan 2024	535_CLOR_TP106_0.0-AS005	Normal	1[#8]	1[#13]	-	-	1[#7]	-	0[#3]	-	1[#9]	29.3	-	0[#3]	-
	TP107	18 Jan 2024	535_CLOR_TP107_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP107	18 Jan 2024	535_CLOR_TP107_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP107	18 Jan 2024	535_CLOR_TP107_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP108	18 Jan 2024	535_CLOR_TP108_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP108	18 Jan 2024	535_CLOR_TP108_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP108	18 Jan 2024	535_CLOR_TP108_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP109	18 Jan 2024	535_CLOR_TP109_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP109	18 Jan 2024	535_CLOR_TP109_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP109	18 Jan 2024	535_CLOR_TP109_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP110	18 Jan 2024	535_CLOR_TP110_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP110	18 Jan 2024	535_CLOR_TP110_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP110	18 Jan 2024	535_CLOR_TP110_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP111	18 Jan 2024	535_CLOR_TP111_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP111	18 Jan 2024	535_CLOR_TP111_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP111	18 Jan 2024	535_CLOR_TP111_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP112	18 Jan 2024	535_CLOR_TP112_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP112	18 Jan 2024	535_CLOR_TP112_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP112	18 Jan 2024	535_CLOR_TP112_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP113	18 Jan 2024	535_CLOR_TP113_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP113	18 Jan 2024	535_CLOR_TP113_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP113	18 Jan 2024	535_CLOR_TP113_0.5_240118	Normal	0	-	<0.01	0.0012	-	<0.1	-	0.0068	-	-	-	-	-
	TP114	18 Jan 2024	535_CLOR_TP114_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP114	18 Jan 2024	535_CLOR_TP114_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP114	18 Jan 2024	535_CLOR_TP114_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0010	-	-	-	-	-
	TP115	18 Jan 2024	535_CLOR_TP115_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP115	18 Jan 2024	535_CLOR_TP115_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP115	18 Jan 2024	535_CLOR_TP115_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP116	18 Jan 2024	535_CLOR_TP116_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP116	18 Jan 2024	535_CLOR_TP116_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP116	18 Jan 2024	535_CLOR_TP116_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP117	18 Jan 2024	535_CLOR_TP117_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP117	18 Jan 2024	535_CLOR_TP117_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0.0004	-	-	-	-	-
	TP117	18 Jan 2024	535_CLOR_TP117_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP118	18 Jan 2024	535_CLOR_TP118_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP118	18 Jan 2024	535_CLOR_TP118_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP118	18 Jan 2024	535_CLOR_TP118_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP119	18 Jan 2024	535_CLOR_TP119_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP119	18 Jan 2024	535_CLOR_TP119_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP119	18 Jan 2024	535_CLOR_TP119_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP120	18 Jan 2024	535_CLOR_TP120_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP120	18 Jan 2024	535_CLOR_TP120_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP120	18 Jan 2024	535_CLOR_TP120_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP120	24 Jan 2024	535_CLOR_TP120_0.0-AS006	Normal	0[#3]	1[#1]	-	-	1[#7]	-	0[#3]	-	0[#3]	3.44	-	1[#8]	-
	TP121	19 Jan 2024	535_CLOR_TP121_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP121	19 Jan 2024	535_CLOR_TP121_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP121	19 Jan 2024	535_CLOR_TP121_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP122	18 Jan 2024	535_CLOR_TP122_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP122	18 Jan 2024	535_CLOR_TP122_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP122	18 Jan 2024	535_CLOR_TP122_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP123	18 Jan 2024	535_CLOR_TP123_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP123	18 Jan 2024	535_CLOR_TP123_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP123	18 Jan 2024	535_CLOR_TP123_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP124	18 Jan 2024	535_CLOR_TP124_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP124	18 Jan 2024	535_CLOR_TP124_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP124	18 Jan 2024	535_CLOR_TP124_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP125	18 Jan 2024	535_CLOR_TP125_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP125	18 Jan 2024	535_CLOR_TP125_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP125	18 Jan 2024	535_CLOR_TP125_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP126	18 Jan 2024	535_CLOR_TP126_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP126	18 Jan 2024	535_CLOR_TP126_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP126	18 Jan 2024	535_CLOR_TP126_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP127	18 Jan 2024	535_CLOR_TP127_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP127	18 Jan 2024	535_CLOR_TP127_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP127	18 Jan 2024	535_CLOR_TP127_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP128	18 Jan 2024	535_CLOR_TP128_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP128	18 Jan 2024	535_CLOR_TP128_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP128	18 Jan 2024	535_CLOR_TP128_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP129	18 Jan 2024	535_CLOR_TP129_0.1_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP129	18 Jan 2024	535_CLOR_TP129_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP129	18 Jan 2024	535_CLOR_TP129_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP130	18 Jan 2024	535_CLOR_TP130_0.1_240118	Normal	0	-	<0.01	0.0021	-	<0.1	-	0.0132	-	-	-	-	-
	TP130	18 Jan 2024	535_CLOR_TP130_0.3_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP130	18 Jan 2024	535_CLOR_TP130_0.5_240118	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP131	19 Jan 2024	535_CLOR_TP131_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP131	19 Jan 2024	535_CLOR_TP131_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP131	19 Jan 2024	535_CLOR_TP131_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP131	24 Jan 2024	535_CLOR_TP131_0.0-AS009	Normal	1[#8]	1[#10]	-	-	1[#7]	-	0[#3]	-	1[#9]	17.2	-	0[#3]	-

DU02 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
					-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL							0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
	TP132	19 Jan 2024	535_CLOR_TP132_0.1_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP132	19 Jan 2024	535_CLOR_TP132_0.3_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	TP132	19 Jan 2024	535_CLOR_TP132_0.5_240119	Normal	0	-	<0.01	<0.001	-	<0.1	-	0[#4]	-	-	-	-	-
	AECOM2023a_VS01	06 Dec 2022	VS01_221206	Normal	0[#3]	1[#1]	-	-	1[#14]	-	0[#3]	-	0[#3]	576	-	0[#3]	-
	AECOM2023a_VS02	06 Dec 2022	VS02_221206	Normal	0[#3]	1[#1]	-	-	1[#14]	-	0[#3]	-	0[#3]	972	-	0[#3]	-
	AECOM2023a_VS03	06 Dec 2022	VS03_0.1_AS01_221206	Normal	1[#8]	1[#5]	-	-	1[#2]	-	0[#3]	-	1[#9]	8.07	-	0[#3]	-
	AECOM2023a_VS03	06 Dec 2022	VS03_221206	Normal	1[#8]	1[#13]	-	-	1[#14]	-	0[#3]	-	0[#3]	787	-	0[#3]	-
	AECOM2023a_VS04	06 Dec 2022	VS04_221206	Normal	0[#6]	1[#13]	-	-	1[#14]	-	0[#3]	-	0[#3]	845	-	0[#3]	-
	AECOM2023a_VS05	06 Dec 2022	VS05_0.1_AS02_221206	Normal	1[#8]	1[#5]	-	-	1[#2]	-	0[#3]	-	1[#9]	39.9	-	0[#3]	-
	AECOM2023a_VS05	06 Dec 2022	VS05_221206	Normal	0[#6]	1[#13]	-	-	1[#14]	-	0[#3]	-	0[#3]	827	-	0[#3]	-
	AECOM2023a_VS06	06 Dec 2022	VS06_221206	Normal	0[#6]	1[#5]	-	-	1[#14]	-	0[#3]	-	0[#3]	894	-	0[#3]	-
	AECOM2023a_VS06	06 Dec 2022	VS06_AS03_221206	Normal	1[#8]	1[#5]	-	-	1[#2]	-	0[#3]	-	1[#9]	35.8	-	0[#3]	-
	AECOM2023a_VS06	06 Dec 2022	VS06_AS04_221206	Normal	1[#8]	1[#5]	-	-	1[#2]	-	0[#3]	-	1[#9]	3.48	-	0[#3]	-
	AECOM2023a_VS07	06 Dec 2022	VS07_221206	Normal	0[#3]	1[#1]	-	-	1[#14]	-	0[#3]	-	0[#3]	771	-	0[#3]	-
	AECOM2023a_VS08	06 Dec 2022	VS08_221206	Normal	0[#3]	1[#1]	-	-	1[#14]	-	0[#3]	-	0[#3]	886	-	0[#3]	-
	AECOM2023a_VS09	06 Dec 2022	VS09_221206	Normal	1[#8]	1[#5]	-	-	1[#14]	-	0[#3]	-	0[#3]	936	-	0[#3]	-
	AECOM2023a_VS10	06 Dec 2022	VS10_221206	Normal	1[#8]	1[#5]	-	-	1[#14]	-	0[#3]	-	0[#3]	962	-	0[#3]	-
	AECOM2023a_VS11	06 Dec 2022	VS11_221206	Normal	1[#8]	1[#13]	-	-	1[#14]	-	0[#3]	-	0[#3]	860	-	0[#3]	-
	AECOM2023a_VS12	06 Dec 2022	VS12_0.1_AS05_221206	Normal	1[#8]	1[#13]	-	-	1[#2]	-	1[#8]	-	1[#9]	11.0	-	0[#3]	-
	AECOM2023a_VS12	06 Dec 2022	VS12_221206	Normal	0[#3]	1[#1]	-	-	1[#14]	-	0[#3]	-	0[#3]	931	-	0[#3]	-
	AECOM2023a_VS13	06 Dec 2022	VS13_221206	Normal	0[#6]	1[#13]	-	-	1[#14]	-	0[#3]	-	0[#3]	716	-	0[#3]	-
	AECOM2023a_VS14	06 Dec 2022	VS14_221206	Normal	0[#3]	1[#1]	-	-	1[#14]	-	1[#8]	-	0[#3]	936	-	0[#3]	-
	AECOM2023a_VS15	06 Dec 2022	VS15_221206	Normal	0[#6]	1[#5]	-	-	1[#14]	-	0[#3]	-	0[#3]	960	-	0[#3]	-
	AECOM2023a_VS16	06 Dec 2022	VS16_221206	Normal	0[#6]	1[#5]	-	-	1[#14]	-	0[#3]	-	0[#3]	970	-	0[#3]	-
	AECOM2023a_VS17	06 Dec 2022	VS17_221206	Normal	1[#8]	1[#10]	-	-	1[#14]	-	0[#3]	-	0[#3]	931	-	0[#3]	-
	AECOM2023a_VS17	06 Dec 2022	VS17_AS06_221206	Normal	1[#8]	1[#5]	-	-	1[#2]	-	0[#3]	-	1[#9]	0.90	-	0[#3]	-
	AECOM2023a_VS18	06 Dec 2022	VS18_221206	Normal	1[#8]	1[#10]	-	-	1[#14]	-	0[#3]	-	0[#3]	907	-	0[#3]	-
DU02	WSP2016c_CMW01	03 Nov 2015	CMW01_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW02	06 Nov 2015	CMW02_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_CMW04	06 Nov 2015	CMW04_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP06	10 Nov 2015	TP06_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP09	10 Nov 2015	TP09_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP11	10 Nov 2015	TP11_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP16	10 Nov 2015	TP16_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP18	03 Nov 2015	TP18_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP26	03 Nov 2015	TP26_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP30	06 Nov 2015	TP30_0.0	Normal	DETECTED	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2016c_TP32	03 Nov 2015	TP32_0.0	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS01	24 Mar 2021	T282_SS01	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS02	24 Mar 2021	T282_SS02	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS03	24 Mar 2021	T282_SS03	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS04	24 Mar 2021	T282_SS04	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS05	24 Mar 2021	T282_SS05	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS06	29 Mar 2021	T282_SS06	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS07	29 Mar 2021	T282_SS07	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS08	29 Mar 2021	T282_SS08	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2021d_T282_SS09	29 Mar 2021	T282_SS09	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2023i_BH15	25 Aug 2023	BH15_0.3	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2023i_BH16	25 Aug 2023	BH16_0.3	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2023i_BH17	25 Aug 2023	BH17_1.2	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2023i_CTP12	25 Aug 2023	CTP12_0.3	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-
DU02	WSP2023i_CTP14	25 Aug 2023	CTP14_1.2	Normal	ND	-	-	-	-	-	-	-	-	-	-	-	-

Comments

DU02 - 1e: Soil Analytical Results – Asbestos Screening

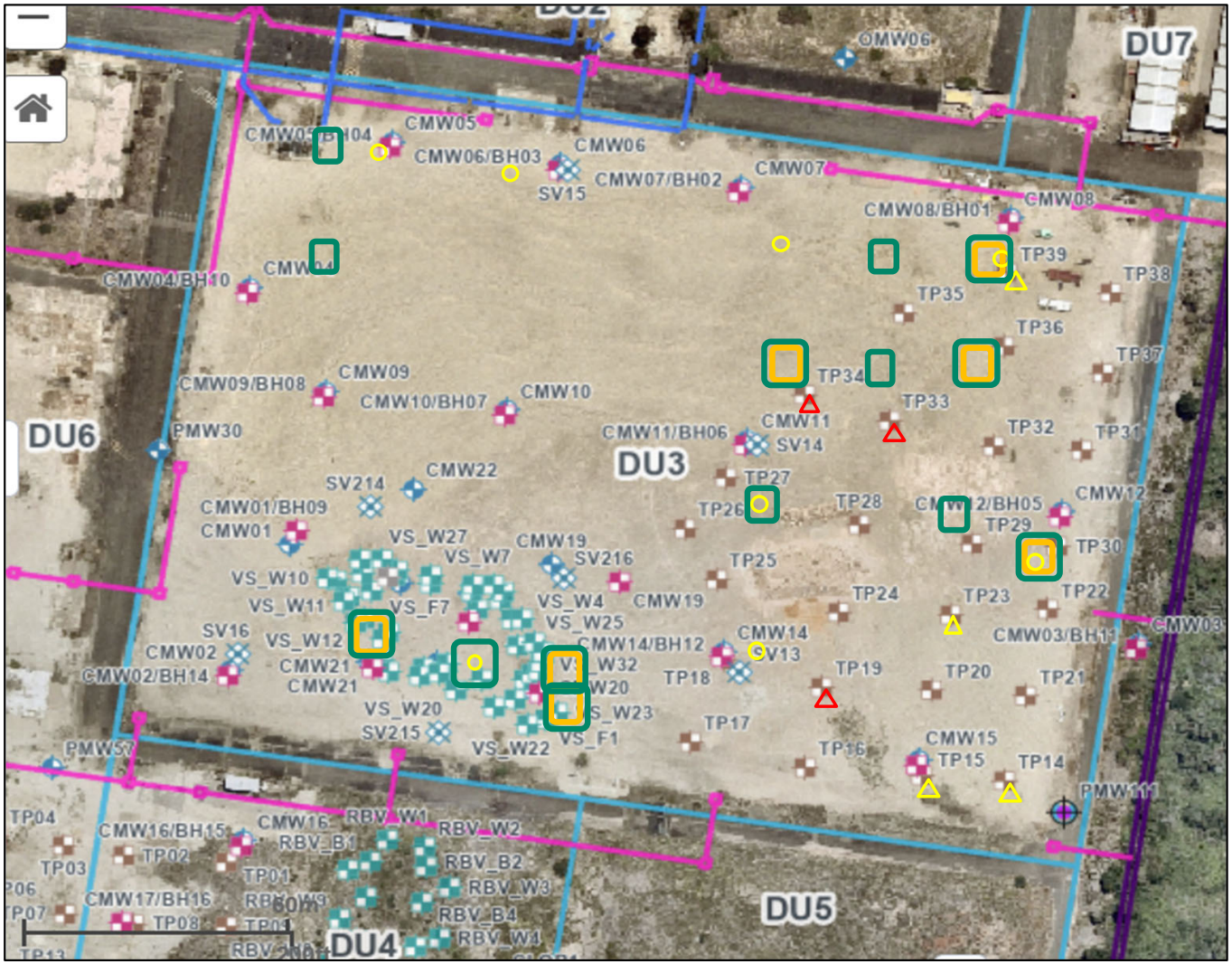
	Asbestos												
	Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos Detected (Type)	Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass
	-	Comment	% w/w	% (w/w)	-	g/kg	-	g	-	g	kg	--	g
EQL			0.01	0.001		0.1		0.0004		0.01	0.0001		0.0004
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial			0.05	0.001									

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#1 -				
#2 B.SCHRADER				
#3 No				
#4 –				
#5 Ch				
#6 No*				
#7 J. PAGE				
#8 Yes				
#9 N/A				
#10 Ch + Am + Cr				
#12 Ch + Cr				
#13 Ch + Am				
#14 A. SMYLIE				

Environmental Standards

NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU03 - 1a: Historical Exceedances - Current Layout



Legend

- Culvert
- Stormwater pit
- SWS (buried)
- OWS service
- DU boundary

Investigations

- WSP, 2019
- WSP, 2021h
- WSP, 2024h
- WSP, 2025j/i
- WSP, 2025d
- WSP, 2023f
- GHD, 2012b SO impacts - volatile COPC
- GHD, 2012b GW impacts - volatile COPC
- GHD, 2012b SO impacts - other COPC
- GHD, 2012b GW impacts - other COPC
- AC exceedances
- ASB detection
- ASB AC exceedance

Data gap assessment locations

- SV grid sample locations

Refer to **Attachment 5** for analysis schedules

Aerial date: Jan 2025
Aerial source: Nearmaps

DU03 - 1b: Historical Exceedances - Historic Layout

Legend

- Culvert
- Stormwater pit
- SWS (buried)
- OWS service
- DU boundary

Investigations

- WSP, 2019
- WSP, 2021h
- WSP, 2024h
- WSP, 2025j/i
- WSP, 2025d
- WSP, 2023f
- GHD, 2012b SO impacts
- GHD, 2012b GW impacts
- AC exceedances
- ASB detection
- ASB AC exceedance

Data gap assessment locations

- SV grid sample locations

Refer to **Attachment 5** for analysis schedules

Aerial date: Jan 2010
Aerial source: Nearmaps

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons				
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m		260[#1]	NL [#2]									
>=1m, <2m		370	NL									
>=2m, <4m		630	NL									
>=4m		NL [#2]	NL									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m		**NL**	**NL**									
>=2m, <4m		**NL**	**NL**									
>=4m		**NL**	**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU03	WSP2019_BH04CM	12 Nov 2018	BH04_0.5_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2019_BH05CM	13 Nov 2018	BH05_1.0_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.0_CM	Normal	<20	<20	<50	<50	710	<100	710	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.5_CM	Normal	<20	<20	<50	<50	570	<100	570	-	-	-	-	-
DU03	WSP2019_BH07CM	13 Nov 2018	BH07_1.5_CM	Normal	<20	<20	<50	<50	2,400	<100	2,400	-	-	-	-	-
DU03	WSP2019_BH08CM	13 Nov 2018	BH08_1.0_CM	Normal	<20	<20	<50	<50	300	<100	300	-	-	-	-	-
DU03	WSP2019_BH09CM	14 Nov 2018	BH09_1.0_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2019_BH10CM	14 Nov 2018	BH10_0.5_CM	Normal	<20	<20	220	220	1,000	<100	1,220	-	-	-	-	-
DU03	WSP2019_BH11CM	14 Nov 2018	BH11_0.5_CM	Normal	<20	<20	<50	<50	13,000	<100	13,000	-	-	-	-	-
DU03	WSP2019_BH11CM	14 Nov 2018	BH11_1.0_CM	Normal	<20	<20	<50	<50	12,000	<100	12,000	-	-	-	-	-
DU03	WSP2019_BH12CM	14 Nov 2018	BH12_1.0_CM	Normal	<20	<20	230	230	1,800	420	2,450	-	-	-	-	-
DU03	WSP2019_BH13CM	15 Nov 2018	BH13_0.5_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_0.5_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_1.0_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2019_BH15CM	15 Nov 2018	BH15_1.0_CM	Normal	<20	<20	110	110	1,300	260	1,670	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	<20	<20	<50	<50	110	<100	110	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_1.0_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2019_CMW18	28 May 2019	CMW18-1.0	Normal	<20	<20	97	97	6,000	<100	-	-	-	-	-	-
DU03	WSP2019_CMW18	28 May 2019	CMW18-2.5	Normal	39	39	<50	<50	1,900	<100	-	-	-	-	-	-
DU03	WSP2019_CMW19	30 May 2019	CMW19-1.0	Normal	<20	<20	<50	<50	2,000	<100	-	-	-	-	-	-
DU03	WSP2019_CMW19	30 May 2019	CMW19-2.5	Normal	<20	<20	<50	<50	260	<100	-	-	-	-	-	-
DU03	WSP2019_CMW20	30 May 2019	CMW20-2.0	Normal	<20	<20	<50	<50	<100	<100	-	-	-	-	-	-
DU03	WSP2019_CMW21	30 May 2019	CMW21-0.5	Normal	<20	<20	<50	<50	3,000	<100	-	-	-	-	-	-
DU03	WSP2019_CMW21	30 May 2019	CMW21-3.0	Normal	<20	<20	<50	<50	<100	<100	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F1	19 May 2021	VS_F1	Normal	<20	<20	<50	<50	280	<100	280	-	-	-	-	-
DU03	WSP2021h_ii_VS_F2	19 May 2021	VS_F2	Normal	<20	<20	<50	<50	5,500	<100	5,500	-	-	-	-	-
DU03	WSP2021h_ii_VS_F3	19 May 2021	VS_F3	Normal	<20	<20	<50	<50	9,500	<100	9,500	-	-	-	-	-
DU03	WSP2021h_ii_VS_F4	19 May 2021	VS_F4	Normal	<20	<20	<50	<50	9,000	<100	9,000	-	-	-	-	-
DU03	WSP2021h_ii_VS_F5	19 May 2021	VS_F5	Normal	<20	<20	<500	<500	11,000	<1,000.0	11,000	-	-	-	-	-
DU03	WSP2021h_ii_VS_F6	19 May 2021	VS_F6	Normal	<20	<20	<500	<500	12,000	<1,000.0	12,000	-	-	-	-	-
DU03	WSP2021h_ii_VS_F7	19 May 2021	VS_F7	Normal	<20	<20	<50	<50	9,700	320	10,020	-	-	-	-	-
DU03	WSP2021h_ii_VS_F8	19 May 2021	VS_F8	Normal	71	71	<500	<500	10,000	<1,000.0	10,000	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m						260[#1]	NL [#2]									
>=1m, <2m						370	NL									
>=2m, <4m						630	NL									
>=4m						NL [#2]	NL									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m						**NL**	**NL**									
>=2m, <4m						**NL**	**NL**									
>=4m						**NL**	**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU03	**WSP2021h_ii_VS_F9**	**19 May 2021**	**VS_F9**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F10**	**19 May 2021**	**VS_F10**	**Normal**	120	120	66	66	8,500	<100	8,566	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F11**	**19 May 2021**	**VS_F11**	**Normal**	<20	<20	120	120	2,700	<100	2,820	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F12**	**19 May 2021**	**VS_F12**	**Normal**	<20	<20	760	760	4,400	<100	5,160	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F13**	**19 May 2021**	**VS_F13**	**Normal**	<20	<20	<50	<50	9,600	<100	9,600	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F14**	**19 May 2021**	**VS_F14**	**Normal**	<20	<20	<50	<50	11,000	<100	11,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F15**	**19 May 2021**	**VS_F15**	**Normal**	<20	<20	<500	<500	20,000	<1,000.0	20,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F16**	**19 May 2021**	**VS_F16**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F17**	**19 May 2021**	**VS_F17**	**Normal**	<20	<20	<50	<50	11,000	<100	11,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W1**	**19 May 2021**	**VS_W1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W2**	**19 May 2021**	**VS_W2**	**Normal**	<20	<20	<50	<50	29,000	<100	29,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W3**	**19 May 2021**	**VS_W3**	**Normal**	<20	<20	<500	<500	21,000	<1,000.0	21,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W4**	**19 May 2021**	**VS_W4**	**Normal**	<20	<20	<500	<500	5,400	<1,000.0	5,400	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W5**	**19 May 2021**	**VS_W5**	**Normal**	<20	<20	<500	<500	18,000	<1,000.0	18,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W6**	**19 May 2021**	**VS_W6**	**Normal**	<20	<20	<50	<50	8,700	<100	8,700	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W7**	**19 May 2021**	**VS_W7**	**Normal**	<20	<20	55	55	6,000	<100	6,055	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W8**	**19 May 2021**	**VS_W8**	**Normal**	<20	<20	<50	<50	370	<100	370	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W9**	**19 May 2021**	**VS_W9**	**Normal**	<20	<20	<50	<50	300	<100	300	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W10**	**19 May 2021**	**VS_W10**	**Normal**	<20	<20	<50	<50	120	<100	120	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W11**	**19 May 2021**	**VS_W11**	**Normal**	<20	<20	<50	<50	180	<100	180	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W12**	**19 May 2021**	**VS_W12**	**Normal**	<20	<20	190	190	1,900	<100	2,090	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W13**	**19 May 2021**	**VS_W13**	**Normal**	<20	<20	50	50	540	<100	590	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W14**	**19 May 2021**	**VS_W14**	**Normal**	<20	<20	<500	<500	18,000	<1,000.0	18,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W15**	**19 May 2021**	**VS_W15**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W16**	**19 May 2021**	**VS_W16**	**Normal**	<20	<20	<50	<50	4,000	200	4,200	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W17**	**19 May 2021**	**VS_W17**	**Normal**	<20	<20	<500	<500	29,000	<1,000.0	29,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W18**	**19 May 2021**	**VS_W18**	**Normal**	<20	<20	<500	<500	23,000	<1,000.0	23,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W19**	**19 May 2021**	**VS_W19**	**Normal**	<20	<20	<500	<500	19,000	<1,000.0	19,000	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W20**	**27 May 2021**	**VS_W20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W21**	**27 May 2021**	**VS_W21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W22**	**27 May 2021**	**VS_W22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W23**	**27 May 2021**	**VS_W23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons				
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m		260[#1]	NL [#2]									
>=1m, <2m		370	NL									
>=2m, <4m		630	NL									
>=4m		NL [#2]	NL									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m		**NL**	**NL**									
>=2m, <4m		**NL**	**NL**									
>=4m		**NL**	**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU03	WSP2021h_ii_VS_W24	27 May 2021	VS_W24	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W25	27 May 2021	VS_W25	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W26	27 May 2021	VS_W26	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W27	27 May 2021	VS_W27	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W28	27 May 2021	VS_W28	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W29	27 May 2021	VS_W29	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W30	03 Jun 2021	VS_W30	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W31	03 Jun 2021	VS_W31	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W32	03 Jun 2021	VS_W32	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	19 May 2021	LNAPL_SP1.1	Normal	<20	<20	<50	<50	3,100	100	3,200	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	19 May 2021	LNAPL_SP1.2	Normal	<20	<20	<50	<50	1,000	<100	1,000	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	19 May 2021	LNAPL_SP1.3	Normal	<20	<20	<50	<50	1,700	110	1,810	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.1	Normal	<20	<20	<50	<50	670	<100	670	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.2	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.3	Normal	<20	<20	<50	<50	640	<100	640	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.4	Normal	<20	<20	<50	<50	1,800	120	1,920	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.5	Normal	<20	<20	<50	<50	6,400	110	6,510	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.6	Normal	<20	<20	<50	<50	410	<100	410	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	19 May 2021	LNAPL_SP3.1	Normal	<20	<20	<50	<50	2,400	<100	2,400	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	19 May 2021	LNAPL_SP3.2	Normal	<20	<20	<50	<50	2,600	<100	2,600	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	19 May 2021	LNAPL_SP3.3	Normal	<20	<20	<50	<50	3,500	110	3,610	-	-	-	-	-
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	<20	<20	<50	<50	140	<100	140	<20	<20	95	55	150
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	<20	<20	<50	<50	110	<100	110	<20	<20	70	53	123
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	WSP2024h_TP19	15 May 2024	QA03	Field_D	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50

DU03 - 1c: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m						260[#1]	NL [#2]									
>=1m, <2m						370	NL									
>=2m, <4m						630	NL									
>=4m						NL [#2]	NL									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m						**NL**	**NL**									
>=2m, <4m						**NL**	**NL**									
>=4m						**NL**	**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU03	**WSP2024h_TP19**	**15 May 2024**	**QA03A**	**Interlab_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50
DU03	**WSP2024h_TP19**	**15 May 2024**	**TP19_0.2**	**Normal**	<20	<20	<50	<50	430	410	840	<20	<20	160	390	550
DU03	**WSP2024h_TP19**	**15 May 2024**	**TP19_1.5**	**Normal**	<20	<20	<50	<50	6,400.0	110	6,510.0	<20	<20	6,300.0	230	6,530.0
DU03	**WSP2024h_TP20**	**14 May 2024**	**TP20_0.2**	**Normal**	<20	<20	<50	<50	1,100.0	300	1,400.0	<20	<20	710	540	1,250.0
DU03	**WSP2024h_TP20**	**14 May 2024**	**TP20_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	60	140	200
DU03	**WSP2024h_TP21**	**14 May 2024**	**TP21_0.2**	**Normal**	<20	<20	<50	<50	1,200.0	330	1,530.0	<20	<20	690	590	1,280.0
DU03	**WSP2024h_TP21**	**14 May 2024**	**TP21_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP22**	**14 May 2024**	**TP22_0.2**	**Normal**	<20	<20	<50	<50	390	250	640	<20	<20	240	220	460
DU03	**WSP2024h_TP22**	**14 May 2024**	**TP22_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP23**	**14 May 2024**	**TP23_0.2**	**Normal**	<20	<20	<50	<50	300	<100	300	<20	<20	170	180	350
DU03	**WSP2024h_TP23**	**14 May 2024**	**TP23_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP24**	**14 May 2024**	**TP24_0.2**	**Normal**	<20	<20	<50	<50	280	270	550	<20	<20	120	230	350
DU03	**WSP2024h_TP24**	**14 May 2024**	**TP24_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP25**	**14 May 2024**	**QA04**	**Field_D**	<20	<20	<50	<50	760	380	1,140.0	<20	<20	390	470	860
DU03	**WSP2024h_TP25**	**14 May 2024**	**QA04A**	**Interlab_D**	<10	<10	<50	<50	530	230	760	<10	<50	270	340	610
DU03	**WSP2024h_TP25**	**14 May 2024**	**TP25_0.2**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	120	100	220
DU03	**WSP2024h_TP25**	**14 May 2024**	**TP25_1.0**	**Normal**	<20	<20	<50	<50	2,200.0	1,300.0	3,500.0	<20	<20	980	1,700.0	2,680.0
DU03	**WSP2024h_TP25**	**14 May 2024**	**TP25_2.0**	**Normal**	<20	<20	<50	<50	550	270	820	<20	<20	280	350	630
DU03	**WSP2024h_TP26**	**14 May 2024**	**TP26_0.2**	**Normal**	<20	<20	<50	<50	500	390	890	<20	<20	240	380	620
DU03	**WSP2024h_TP26**	**14 May 2024**	**TP26_2.0**	**Normal**	<20	<20	<50	<50	460	190	650	<20	<20	280	240	520
DU03	**WSP2024h_TP27**	**14 May 2024**	**TP27_0.2**	**Normal**	<20	<20	<50	<50	330	240	570	<20	<20	170	240	410
DU03	**WSP2024h_TP27**	**14 May 2024**	**TP27_1.0**	**Normal**	<20	<20	<50	<50	400	200	600	<20	<20	230	230	460
DU03	**WSP2024h_TP28**	**14 May 2024**	**TP28_0.2**	**Normal**	<20	<20	<50	<50	170	140	310	<20	<20	120	100	220
DU03	**WSP2024h_TP28**	**14 May 2024**	**TP28_1.5**	**Normal**	<20	<20	<50	<50	410	160	570	<20	<20	250	210	460
DU03	**WSP2024h_TP29**	**14 May 2024**	**TP29_0.2**	**Normal**	<20	<20	<50	<50	580	230	810	<20	<20	350	320	670
DU03	**WSP2024h_TP29**	**14 May 2024**	**TP29_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP30**	**14 May 2024**	**TP30_0.2**	**Normal**	<20	<20	<50	<50	800	310	1,110.0	<20	<20	480	450	930
DU03	**WSP2024h_TP30**	**14 May 2024**	**TP30_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP31**	**14 May 2024**	**TP31_0.2**	**Normal**	<20	<20	<50	<50	1,200.0	370	1,570.0	<20	<20	860	490	1,350.0
DU03	**WSP2024h_TP31**	**14 May 2024**	**TP31_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP32**	**14 May 2024**	**QA06**	**Field_D**	<20	<20	<50	<50	330	140	470	<20	<20	170	210	380
DU03	**WSP2024h_TP32**	**14 May 2024**	**QA06A**	**Interlab_D**	<10	<10	<50	<50	250	120	370	<10	<50	140	160	300

DU03 - 1c: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m						260[#1]	NL [#2]									
>=1m, <2m						370	NL									
>=2m, <4m						630	NL									
>=4m						NL [#2]	NL									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m						**NL**	**NL**									
>=2m, <4m						**NL**	**NL**									
>=4m						**NL**	**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_0.2**	**Normal**	<20	<20	<50	<50	190	110	300	<20	<20	110	110	220
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	57	57
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_0.1**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	100	130	230
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_1.5**	**Normal**	<20	<20	<50	<50	13,000.0	2,800.0	15,800.0	<20	<20	7,500.0	7,100.0	14,600.0
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_0.1**	**Normal**	<20	<20	<50	<50	690	230	920	<20	<20	430	340	770
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_1.0**	**Normal**	<20	<20	<50	<50	5,000.0	1,600.0	6,600.0	<20	<20	2,700.0	2,800.0	5,500.0
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_0.1**	**Normal**	<20	<20	<50	<50	390	200	590	<20	<20	190	270	460
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_2.0**	**Normal**	<20	<20	<50	<50	2,200.0	770	2,970.0	<20	<20	1,300.0	1,200.0	2,500.0
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_0.1**	**Normal**	<20	<20	<50	<50	500	210	710	<20	<20	280	300	580
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_1.0**	**Normal**	<20	<20	<50	<50	1,700.0	800	2,500.0	<20	<20	890	1,000.0	1,890.0
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_0.1**	**Normal**	<20	<20	<50	<50	400	200	600	<20	<20	220	250	470
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	160	160
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_0.1**	**Normal**	<20	<20	<50	<50	290	150	440	<20	<20	160	180	340
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_0.1**	**Normal**	<20	<20	<50	<50	210	<100	210	<20	<20	130	110	240
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50
DU03	**WSP2023i_BH13**	**25 Aug 2023**	**BH13_1.2**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	<50
DU03	**WSP2023i_BH14**	**25 Aug 2023**	**BH14_0.5**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	<50
DU03	**WSP2023i_CTP16**	**25 Aug 2023**	**CTP16_0.5**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	359

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons				
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m		260[#1]	NL [#2]									
>=1m, <2m		370	NL									
>=2m, <4m		630	NL									
>=4m		NL [#2]	NL									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m		**NL**	**NL**									
>=2m, <4m		**NL**	**NL**									
>=4m		**NL**	**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU03 - 1c: Soil Analytical Results – Human Health Screening

					Metals								Monocyclic Aromatic Hydr			
					Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m													3	NL [#2]	NL [#2]	
>=1m, <2m													3	NL	NL	
>=2m, <4m													3	NL	NL	
>=4m													3	NL	NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m													**77**	**NL**	**NL**	
>=2m, <4m													**160**	**NL**	**NL**	
>=4m													**NL**	**NL**	**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)													5.1[#9]	47,000[#9]	25[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU03	**WSP2019_BH04CM**	**12 Nov 2018**	**BH04_0.5_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH05CM**	**13 Nov 2018**	**BH05_1.0_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH06CM**	**13 Nov 2018**	**BH06_1.0_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH06CM**	**13 Nov 2018**	**BH06_1.5_CM**	**Normal**	3	0	23	29	38	1.3	13	340	<100	<100	<100	<200
DU03	**WSP2019_BH07CM**	**13 Nov 2018**	**BH07_1.5_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH08CM**	**13 Nov 2018**	**BH08_1.0_CM**	**Normal**	2	0	8	10	15	0.3	6	110	<100	<100	<100	<200
DU03	**WSP2019_BH09CM**	**14 Nov 2018**	**BH09_1.0_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH10CM**	**14 Nov 2018**	**BH10_0.5_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH11CM**	**14 Nov 2018**	**BH11_0.5_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH11CM**	**14 Nov 2018**	**BH11_1.0_CM**	**Normal**	3	0	<5	<5	28	<0.1	<5	37	<100	<100	<100	<200
DU03	**WSP2019_BH12CM**	**14 Nov 2018**	**BH12_1.0_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH13CM**	**15 Nov 2018**	**BH13_0.5_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH14CM**	**15 Nov 2018**	**BH14_0.5_CM**	**Normal**	3	0	14	11	<5	<0.1	24	15	<100	<100	<100	<200
DU03	**WSP2019_BH14CM**	**15 Nov 2018**	**BH14_1.0_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH15CM**	**15 Nov 2018**	**BH15_1.0_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_0.5_CM**	**Normal**	2	0	<5	11	6	<0.1	<5	27	<100	<100	<100	<200
DU03	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_1.0_CM**	**Normal**	-	-	-	-	-	-	-	-	<100	<100	<100	<200
DU03	**WSP2019_CMW18**	**28 May 2019**	**CMW18-1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1
DU03	**WSP2019_CMW18**	**28 May 2019**	**CMW18-2.5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1
DU03	**WSP2019_CMW19**	**30 May 2019**	**CMW19-1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1
DU03	**WSP2019_CMW19**	**30 May 2019**	**CMW19-2.5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1
DU03	**WSP2019_CMW20**	**30 May 2019**	**CMW20-2.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1
DU03	**WSP2019_CMW21**	**30 May 2019**	**CMW21-0.5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1
DU03	**WSP2019_CMW21**	**30 May 2019**	**CMW21-3.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1
DU03	**WSP2021h_ii_VS_F1**	**19 May 2021**	**VS_F1**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F2**	**19 May 2021**	**VS_F2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F3**	**19 May 2021**	**VS_F3**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F4**	**19 May 2021**	**VS_F4**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F5**	**19 May 2021**	**VS_F5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F6**	**19 May 2021**	**VS_F6**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F7**	**19 May 2021**	**VS_F7**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F8**	**19 May 2021**	**VS_F8**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2

DU03 - 1c: Soil Analytical Results – Human Health Screening

					Metals							Monocyclic Aromatic Hydr			
					Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m													3	NL [#2]	NL [#2]	
>=1m, <2m													3	NL	NL	
>=2m, <4m													3	NL	NL	
>=4m													3	NL	NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m													**77**	**NL**	**NL**	
>=2m, <4m													**160**	**NL**	**NL**	
>=4m													**NL**	**NL**	**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)													5.1[#9]	47,000[#9]	25[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU03	**WSP2021h_ii_VS_F9**	**19 May 2021**	**VS_F9**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F10**	**19 May 2021**	**VS_F10**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	0.3	0.4
DU03	**WSP2021h_ii_VS_F11**	**19 May 2021**	**VS_F11**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F12**	**19 May 2021**	**VS_F12**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F13**	**19 May 2021**	**VS_F13**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F14**	**19 May 2021**	**VS_F14**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F15**	**19 May 2021**	**VS_F15**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F16**	**19 May 2021**	**VS_F16**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_F17**	**19 May 2021**	**VS_F17**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W1**	**19 May 2021**	**VS_W1**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W2**	**19 May 2021**	**VS_W2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W3**	**19 May 2021**	**VS_W3**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W4**	**19 May 2021**	**VS_W4**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W5**	**19 May 2021**	**VS_W5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W6**	**19 May 2021**	**VS_W6**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W7**	**19 May 2021**	**VS_W7**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W8**	**19 May 2021**	**VS_W8**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W9**	**19 May 2021**	**VS_W9**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W10**	**19 May 2021**	**VS_W10**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W11**	**19 May 2021**	**VS_W11**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W12**	**19 May 2021**	**VS_W12**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W13**	**19 May 2021**	**VS_W13**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W14**	**19 May 2021**	**VS_W14**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W15**	**19 May 2021**	**VS_W15**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W16**	**19 May 2021**	**VS_W16**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W17**	**19 May 2021**	**VS_W17**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W18**	**19 May 2021**	**VS_W18**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W19**	**19 May 2021**	**VS_W19**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W20**	**27 May 2021**	**VS_W20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W21**	**27 May 2021**	**VS_W21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W22**	**27 May 2021**	**VS_W22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W23**	**27 May 2021**	**VS_W23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

						Metals					Monocyclic Aromatic Hydr			
						Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m														3	NL [#2]	NL [#2]	
>=1m, <2m														3	NL	NL	
>=2m, <4m														3	NL	NL	
>=4m														3	NL	NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m														**77**	**NL**	**NL**	
>=2m, <4m														**160**	**NL**	**NL**	
>=4m														**NL**	**NL**	**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)														5.1[#9]	47,000[#9]	25[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU03	**WSP2021h_ii_VS_W24**	**27 May 2021**	**VS_W24**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W25**	**27 May 2021**	**VS_W25**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W26**	**27 May 2021**	**VS_W26**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W27**	**27 May 2021**	**VS_W27**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W28**	**27 May 2021**	**VS_W28**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W29**	**27 May 2021**	**VS_W29**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W30**	**03 Jun 2021**	**VS_W30**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W31**	**03 Jun 2021**	**VS_W31**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_ii_VS_W32**	**03 Jun 2021**	**VS_W32**	**Normal**		-	-	-	-	-	-	-	-	<1	<1	<1	<2
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.3**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.3**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.4**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.5**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.6**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.3**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP14**	**15 May 2024**	**TP14_0.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP14**	**15 May 2024**	**TP14_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP15**	**15 May 2024**	**TP15_0.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP15**	**15 May 2024**	**TP15_1.5**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP16**	**15 May 2024**	**TP16_0.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP16**	**15 May 2024**	**TP16_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP17**	**15 May 2024**	**TP17_0.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP17**	**15 May 2024**	**TP17_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP18**	**15 May 2024**	**TP18_0.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP18**	**15 May 2024**	**TP18_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP19**	**15 May 2024**	**QA03**	**Field_D**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2

DU03 - 1c: Soil Analytical Results – Human Health Screening

					Metals								Monocyclic Aromatic Hydr			
					Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m													3	NL [#2]	NL [#2]	
>=1m, <2m													3	NL	NL	
>=2m, <4m													3	NL	NL	
>=4m													3	NL	NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m													**77**	**NL**	**NL**	
>=2m, <4m													**160**	**NL**	**NL**	
>=4m													**NL**	**NL**	**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)													5.1[#9]	47,000[#9]	25[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU03	**WSP2024h_TP19**	**15 May 2024**	**QA03A**	**Interlab_D**	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5
DU03	**WSP2024h_TP19**	**15 May 2024**	**TP19_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP19**	**15 May 2024**	**TP19_1.5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP20**	**14 May 2024**	**TP20_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP20**	**14 May 2024**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP21**	**14 May 2024**	**TP21_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP21**	**14 May 2024**	**TP21_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP22**	**14 May 2024**	**TP22_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP22**	**14 May 2024**	**TP22_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP23**	**14 May 2024**	**TP23_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP23**	**14 May 2024**	**TP23_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP24**	**14 May 2024**	**TP24_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP24**	**14 May 2024**	**TP24_1.5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP25**	**14 May 2024**	**QA04**	**Field_D**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP25**	**14 May 2024**	**QA04A**	**Interlab_D**	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5
DU03	**WSP2024h_TP25**	**14 May 2024**	**TP25_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP25**	**14 May 2024**	**TP25_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP25**	**14 May 2024**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP26**	**14 May 2024**	**TP26_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP26**	**14 May 2024**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP27**	**14 May 2024**	**TP27_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP27**	**14 May 2024**	**TP27_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP28**	**14 May 2024**	**TP28_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP28**	**14 May 2024**	**TP28_1.5**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP29**	**14 May 2024**	**TP29_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP29**	**14 May 2024**	**TP29_2.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP30**	**14 May 2024**	**TP30_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP30**	**14 May 2024**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP31**	**14 May 2024**	**TP31_0.2**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP31**	**14 May 2024**	**TP31_1.0**	**Normal**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP32**	**14 May 2024**	**QA06**	**Field_D**	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP32**	**14 May 2024**	**QA06A**	**Interlab_D**	-	-	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5

DU03 - 1c: Soil Analytical Results – Human Health Screening

						Metals					Monocyclic Aromatic Hydr			
						Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m														3	NL [#2]	NL [#2]	
>=1m, <2m														3	NL	NL	
>=2m, <4m														3	NL	NL	
>=4m														3	NL	NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m														**77**	**NL**	**NL**	
>=2m, <4m														**160**	**NL**	**NL**	
>=4m														**NL**	**NL**	**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)														5.1[#9]	47,000[#9]	25[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_0.2**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_1.5**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_0.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_1.5**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_0.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_0.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_2.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_0.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_0.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_0.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_0.1**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_1.0**	**Normal**		-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2
DU03	**WSP2023i_BH13**	**25 Aug 2023**	**BH13_1.2**	**Normal**		3.5	<0.4	<5	-	<5	<0.1	<5	-	<0.1	<0.1	<0.1	-
DU03	**WSP2023i_BH14**	**25 Aug 2023**	**BH14_0.5**	**Normal**		<2	<0.4	10	-	61	0.3	17	-	<0.1	<0.1	<0.1	-
DU03	**WSP2023i_CTP16**	**25 Aug 2023**	**CTP16_0.5**	**Normal**		<2	<0.4	70	-	6.7	0.1	7.3	-	<0.1	<0.1	<0.1	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer S
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavai
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, o
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in s
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Metals								Monocyclic Aromatic Hydr			
	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m									3	NL [#2]	NL [#2]	
>=1m, <2m									3	NL	NL	
>=2m, <4m									3	NL	NL	
>=4m									3	NL	NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m									**77**	**NL**	**NL**	
>=2m, <4m									**160**	**NL**	**NL**	
>=4m									**NL**	**NL**	**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									5.1[#9]	47,000[#9]	25[#9]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU03 - 1c: Soil Analytical Results – Human Health Screening

	ocarbons												Po
	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.1	0.3	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		230					NL [#2]					NL	
>=1m, <2m		NL [#2]					NL					NL	
>=2m, <4m		NL					NL					NL	
>=4m		NL					NL					NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**											
>=2m, <4m		**NL**											
>=4m		**NL**										**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,800[#9]	2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU03	WSP2019_BH04CM	12 Nov 2018	BH04_0.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH05CM	13 Nov 2018	BH05_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH07CM	13 Nov 2018	BH07_1.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH08CM	13 Nov 2018	BH08_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH09CM	14 Nov 2018	BH09_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH10CM	14 Nov 2018	BH10_0.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH11CM	14 Nov 2018	BH11_0.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH11CM	14 Nov 2018	BH11_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH12CM	14 Nov 2018	BH12_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH13CM	15 Nov 2018	BH13_0.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_0.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH15CM	15 Nov 2018	BH15_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_1.0_CM	Normal	<100	<300	-	<0.5	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_CMW18	28 May 2019	CMW18-1.0	Normal	<0.2	<0.3	-	-	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_CMW18	28 May 2019	CMW18-2.5	Normal	<0.2	<0.3	-	-	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_CMW19	30 May 2019	CMW19-1.0	Normal	<0.2	<0.3	-	-	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_CMW19	30 May 2019	CMW19-2.5	Normal	<0.2	<0.3	-	-	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_CMW20	30 May 2019	CMW20-2.0	Normal	<0.2	<0.3	-	-	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_CMW21	30 May 2019	CMW21-0.5	Normal	<0.2	<0.3	-	-	-	-	<0.5	-	-	-	-	-
DU03	WSP2019_CMW21	30 May 2019	CMW21-3.0	Normal	<0.2	<0.3	-	-	-	-	<0.5	-	-	-	-	-
DU03	WSP2021h_ii_VS_F1	19 May 2021	VS_F1	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F2	19 May 2021	VS_F2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F3	19 May 2021	VS_F3	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F4	19 May 2021	VS_F4	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F5	19 May 2021	VS_F5	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F6	19 May 2021	VS_F6	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F7	19 May 2021	VS_F7	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F8	19 May 2021	VS_F8	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5

DU03 - 1c: Soil Analytical Results – Human Health Screening

	ocarbons												Po
	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.1	0.3	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		230					NL [#2]					NL	
>=1m, <2m		NL [#2]					NL					NL	
>=2m, <4m		NL					NL					NL	
>=4m		NL					NL					NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**											
>=2m, <4m		**NL**											
>=4m		**NL**										**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,800[#9]	2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU03	WSP2021h_ii_VS_F9	19 May 2021	VS_F9	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F10	19 May 2021	VS_F10	Normal	<0.1	0.4	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F11	19 May 2021	VS_F11	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F12	19 May 2021	VS_F12	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F13	19 May 2021	VS_F13	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F14	19 May 2021	VS_F14	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F15	19 May 2021	VS_F15	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F16	19 May 2021	VS_F16	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_F17	19 May 2021	VS_F17	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W1	19 May 2021	VS_W1	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W2	19 May 2021	VS_W2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W3	19 May 2021	VS_W3	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W4	19 May 2021	VS_W4	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W5	19 May 2021	VS_W5	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W6	19 May 2021	VS_W6	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W7	19 May 2021	VS_W7	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W8	19 May 2021	VS_W8	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W9	19 May 2021	VS_W9	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W10	19 May 2021	VS_W10	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W11	19 May 2021	VS_W11	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W12	19 May 2021	VS_W12	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W13	19 May 2021	VS_W13	Normal	0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W14	19 May 2021	VS_W14	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W15	19 May 2021	VS_W15	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W16	19 May 2021	VS_W16	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W17	19 May 2021	VS_W17	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W18	19 May 2021	VS_W18	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W19	19 May 2021	VS_W19	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W20	27 May 2021	VS_W20	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W21	27 May 2021	VS_W21	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W22	27 May 2021	VS_W22	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W23	27 May 2021	VS_W23	Normal	-	-	-	-	-	-	-	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

	ocarbons												Po
	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.1	0.3	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		230					NL [#2]					NL	
>=1m, <2m		NL [#2]					NL					NL	
>=2m, <4m		NL					NL					NL	
>=4m		NL					NL					NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**											
>=2m, <4m		**NL**											
>=4m		**NL**										**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,800[#9]	2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU03	WSP2021h_ii_VS_W24	27 May 2021	VS_W24	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W25	27 May 2021	VS_W25	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W26	27 May 2021	VS_W26	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W27	27 May 2021	VS_W27	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W28	27 May 2021	VS_W28	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W29	27 May 2021	VS_W29	Normal	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W30	03 Jun 2021	VS_W30	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W31	03 Jun 2021	VS_W31	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2021h_ii_VS_W32	03 Jun 2021	VS_W32	Normal	<1	<3	-	-	-	-	-	-	-	-	-	<5
DU03	WSP2021h_LNAPL_SP1	19 May 2021	LNAPL_SP1.1	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP1	19 May 2021	LNAPL_SP1.2	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP1	19 May 2021	LNAPL_SP1.3	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.1	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.2	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.3	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.4	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.5	Normal	<0.1	<0.3	-	0.7	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	19 May 2021	LNAPL_SP2.6	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP3	19 May 2021	LNAPL_SP3.1	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP3	19 May 2021	LNAPL_SP3.2	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP3	19 May 2021	LNAPL_SP3.3	Normal	<0.1	<0.3	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP19	15 May 2024	QA03	Field_D	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5

DU03 - 1c: Soil Analytical Results – Human Health Screening

	ocarbons												Po
	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.1	0.3	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		230					NL [#2]					NL	
>=1m, <2m		NL [#2]					NL					NL	
>=2m, <4m		NL					NL					NL	
>=4m		NL					NL					NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**											
>=2m, <4m		**NL**											
>=4m		**NL**										**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,800[#9]	2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type											
DU03	WSP2024h_TP19	15 May 2024	QA03A	Interlab_D	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	<1
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP25	14 May 2024	QA04	Field_D	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP25	14 May 2024	QA04A	Interlab_D	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	<1
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP32	14 May 2024	QA06	Field_D	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	WSP2024h_TP32	14 May 2024	QA06A	Interlab_D	<0.5	<0.5	<0.2	-	-	-	-	-	-	-	-	<1

DU03 - 1c: Soil Analytical Results – Human Health Screening

	ocarbons												Po
	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.1	0.3	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		230					NL [#2]					NL	
>=1m, <2m		NL [#2]					NL					NL	
>=2m, <4m		NL					NL					NL	
>=4m		NL					NL					NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**											
>=2m, <4m		**NL**											
>=4m		**NL**										**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,800[#9]	2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_0.2**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_1.5**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_0.1**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_1.5**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_0.1**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_1.0**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_0.1**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_2.0**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_0.1**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_1.0**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_0.1**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_1.0**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_0.1**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_1.0**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_0.1**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_1.0**	**Normal**	<0.1	<0.3	-	-	-	-	-	-	-	-	-	<0.5
DU03	**WSP2023i_BH13**	**25 Aug 2023**	**BH13_1.2**	**Normal**	-	<0.3	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2023i_BH14**	**25 Aug 2023**	**BH14_0.5**	**Normal**	-	<0.3	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2023i_CTP16**	**25 Aug 2023**	**CTP16_0.5**	**Normal**	-	<0.3	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer S
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavai
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, o
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in s
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

DU03 - 1c: Soil Analytical Results – Human Health Screening

	ocarbons											Po
	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.3	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m		230					NL [#2]					NL
>=1m, <2m		NL [#2]					NL					NL
>=2m, <4m		NL					NL					NL
>=4m		NL					NL					NL
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				40[#7]	40[#7]	40[#7]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m		**NL**										
>=2m, <4m		**NL**										
>=4m		**NL**										**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,800[#9]	2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU03 - 1c: Soil Analytical Results – Human Health Screening

															Total Reco
						lynuclear Aromatic Hydrocarbons									
						Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	4,000[#8]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU03	**WSP2019_BH04CM**	**12 Nov 2018**	**BH04_0.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH05CM**	**13 Nov 2018**	**BH05_1.0_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH06CM**	**13 Nov 2018**	**BH06_1.0_CM**	**Normal**		1	-	-	-	-	<0.5	-	-	-	-	-	3.3	-
DU03	**WSP2019_BH06CM**	**13 Nov 2018**	**BH06_1.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH07CM**	**13 Nov 2018**	**BH07_1.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH08CM**	**13 Nov 2018**	**BH08_1.0_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH09CM**	**14 Nov 2018**	**BH09_1.0_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH10CM**	**14 Nov 2018**	**BH10_0.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH11CM**	**14 Nov 2018**	**BH11_0.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	0.5	-
DU03	**WSP2019_BH11CM**	**14 Nov 2018**	**BH11_1.0_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<1	-
DU03	**WSP2019_BH12CM**	**14 Nov 2018**	**BH12_1.0_CM**	**Normal**		<5	-	-	-	-	<5	-	-	-	-	-	<5	-
DU03	**WSP2019_BH13CM**	**15 Nov 2018**	**BH13_0.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH14CM**	**15 Nov 2018**	**BH14_0.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH14CM**	**15 Nov 2018**	**BH14_1.0_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH15CM**	**15 Nov 2018**	**BH15_1.0_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_0.5_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_1.0_CM**	**Normal**		<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2019_CMW18**	**28 May 2019**	**CMW18-1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2019_CMW18**	**28 May 2019**	**CMW18-2.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2019_CMW19**	**30 May 2019**	**CMW19-1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2019_CMW19**	**30 May 2019**	**CMW19-2.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2019_CMW20**	**30 May 2019**	**CMW20-2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2019_CMW21**	**30 May 2019**	**CMW21-0.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2019_CMW21**	**30 May 2019**	**CMW21-3.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_F1**	**19 May 2021**	**VS_F1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F2**	**19 May 2021**	**VS_F2**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F3**	**19 May 2021**	**VS_F3**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F4**	**19 May 2021**	**VS_F4**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F5**	**19 May 2021**	**VS_F5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F6**	**19 May 2021**	**VS_F6**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F7**	**19 May 2021**	**VS_F7**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F8**	**19 May 2021**	**VS_F8**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<50

DU03 - 1c: Soil Analytical Results – Human Health Screening

	lynuclear Aromatic Hydrocarbons												Total Reco
	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													
>=1m, <2m													
>=2m, <4m													
>=4m													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												4,000[#8]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													
>=2m, <4m													
>=4m													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	**WSP2021h_ii_VS_F9**	**19 May 2021**	**VS_F9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F10**	**19 May 2021**	**VS_F10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F11**	**19 May 2021**	**VS_F11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	110
DU03	**WSP2021h_ii_VS_F12**	**19 May 2021**	**VS_F12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	610
DU03	**WSP2021h_ii_VS_F13**	**19 May 2021**	**VS_F13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F14**	**19 May 2021**	**VS_F14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F15**	**19 May 2021**	**VS_F15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F16**	**19 May 2021**	**VS_F16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_F17**	**19 May 2021**	**VS_F17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W1**	**19 May 2021**	**VS_W1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W2**	**19 May 2021**	**VS_W2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W3**	**19 May 2021**	**VS_W3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W4**	**19 May 2021**	**VS_W4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W5**	**19 May 2021**	**VS_W5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W6**	**19 May 2021**	**VS_W6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W7**	**19 May 2021**	**VS_W7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	180
DU03	**WSP2021h_ii_VS_W8**	**19 May 2021**	**VS_W8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W9**	**19 May 2021**	**VS_W9**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W10**	**19 May 2021**	**VS_W10**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W11**	**19 May 2021**	**VS_W11**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W12**	**19 May 2021**	**VS_W12**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W13**	**19 May 2021**	**VS_W13**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W14**	**19 May 2021**	**VS_W14**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W15**	**19 May 2021**	**VS_W15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W16**	**19 May 2021**	**VS_W16**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W17**	**19 May 2021**	**VS_W17**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W18**	**19 May 2021**	**VS_W18**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W19**	**19 May 2021**	**VS_W19**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W20**	**27 May 2021**	**VS_W20**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W21**	**27 May 2021**	**VS_W21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W22**	**27 May 2021**	**VS_W22**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W23**	**27 May 2021**	**VS_W23**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50

DU03 - 1c: Soil Analytical Results – Human Health Screening

					lynuclear Aromatic Hydrocarbons												Total Reco
					Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																4,000[#8]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU03	**WSP2021h_ii_VS_W24**	**27 May 2021**	**VS_W24**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W25**	**27 May 2021**	**VS_W25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W26**	**27 May 2021**	**VS_W26**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W27**	**27 May 2021**	**VS_W27**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W28**	**27 May 2021**	**VS_W28**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W29**	**27 May 2021**	**VS_W29**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W30**	**03 Jun 2021**	**VS_W30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W31**	**03 Jun 2021**	**VS_W31**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_ii_VS_W32**	**03 Jun 2021**	**VS_W32**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<50
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.1**	**Normal**	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.5**	**Normal**	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.6**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.2**	**Normal**	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.3**	**Normal**	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-
DU03	**WSP2024h_TP14**	**15 May 2024**	**TP14_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP14**	**15 May 2024**	**TP14_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP15**	**15 May 2024**	**TP15_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP15**	**15 May 2024**	**TP15_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP16**	**15 May 2024**	**TP16_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP16**	**15 May 2024**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP17**	**15 May 2024**	**TP17_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP17**	**15 May 2024**	**TP17_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP18**	**15 May 2024**	**TP18_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP18**	**15 May 2024**	**TP18_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP19**	**15 May 2024**	**QA03**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

	lynuclear Aromatic Hydrocarbons												Total Reco
	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													
>=1m, <2m													
>=2m, <4m													
>=4m													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												4,000[#8]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													
>=2m, <4m													
>=4m													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type													
DU03	WSP2024h_TP19	15 May 2024	QA03A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	QA04	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	QA04A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP32	14 May 2024	QA06	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP32	14 May 2024	QA06A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

	lynuclear Aromatic Hydrocarbons												Total Reco
	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													
>=1m, <2m													
>=2m, <4m													
>=4m													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												4,000[#8]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													
>=2m, <4m													
>=4m													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2023i_BH13**	**25 Aug 2023**	**BH13_1.2**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2023i_BH14**	**25 Aug 2023**	**BH14_0.5**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-
DU03	**WSP2023i_CTP16**	**25 Aug 2023**	**CTP16_0.5**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer S
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavai
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, o
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in s
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Polynuclear Aromatic Hydrocarbons												Total Reco
	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													
>=1m, <2m													
>=2m, <4m													
>=4m													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												4,000[#8]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													
>=2m, <4m													
>=4m													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Petroleum Hydrocarbons - Silica Gel		Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-Chemical Parameters	
	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content	Moisture Content (dried @ 103°C)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL	100	100	0.1	0.05	0.05	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							
>=0m, <1m							
>=1m, <2m							
>=2m, <4m							
>=4m							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							
>=0m, <2m							
>=2m, <4m							
>=4m							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type							
DU03	WSP2019_BH04CM	12 Nov 2018	BH04_0.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH05CM	13 Nov 2018	BH05_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH07CM	13 Nov 2018	BH07_1.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH08CM	13 Nov 2018	BH08_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH09CM	14 Nov 2018	BH09_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH10CM	14 Nov 2018	BH10_0.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH11CM	14 Nov 2018	BH11_0.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH11CM	14 Nov 2018	BH11_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH12CM	14 Nov 2018	BH12_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH13CM	15 Nov 2018	BH13_0.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_0.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH15CM	15 Nov 2018	BH15_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_1.0_CM	Normal	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	28 May 2019	CMW18-1.0	Normal	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	28 May 2019	CMW18-2.5	Normal	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	30 May 2019	CMW19-1.0	Normal	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	30 May 2019	CMW19-2.5	Normal	-	-	-	-	-	-	-
DU03	WSP2019_CMW20	30 May 2019	CMW20-2.0	Normal	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	30 May 2019	CMW21-0.5	Normal	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	30 May 2019	CMW21-3.0	Normal	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F1	19 May 2021	VS_F1	Normal	500	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F2	19 May 2021	VS_F2	Normal	2,400	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F3	19 May 2021	VS_F3	Normal	7,600	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F4	19 May 2021	VS_F4	Normal	5,700	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F5	19 May 2021	VS_F5	Normal	11,000	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F6	19 May 2021	VS_F6	Normal	5,600	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F7	19 May 2021	VS_F7	Normal	5,300	170	-	-	-	-	-
DU03	WSP2021h_ii_VS_F8	19 May 2021	VS_F8	Normal	9,700	200	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Petroleum Hydrocarbons - Silica Gel		Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-Chemical Parameters	
	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content	Moisture Content (dried @ 103°C)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL	100	100	0.1	0.05	0.05	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							
>=0m, <1m							
>=1m, <2m							
>=2m, <4m							
>=4m							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							
>=0m, <2m							
>=2m, <4m							
>=4m							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type							
DU03	WSP2021h_ii_VS_F9	19 May 2021	VS_F9	Normal	<100	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F10	19 May 2021	VS_F10	Normal	2,300	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F11	19 May 2021	VS_F11	Normal	2,600	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F12	19 May 2021	VS_F12	Normal	3,400	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F13	19 May 2021	VS_F13	Normal	5,900	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F14	19 May 2021	VS_F14	Normal	5,500	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F15	19 May 2021	VS_F15	Normal	7,200	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F16	19 May 2021	VS_F16	Normal	7,700	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_F17	19 May 2021	VS_F17	Normal	12,000	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W1	19 May 2021	VS_W1	Normal	<100	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W2	19 May 2021	VS_W2	Normal	#1	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W3	19 May 2021	VS_W3	Normal	#1	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W4	19 May 2021	VS_W4	Normal	8,100	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W5	19 May 2021	VS_W5	Normal	#1	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W6	19 May 2021	VS_W6	Normal	6,500	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W7	19 May 2021	VS_W7	Normal	690	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W8	19 May 2021	VS_W8	Normal	770	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W9	19 May 2021	VS_W9	Normal	390	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W10	19 May 2021	VS_W10	Normal	<100	110	-	-	-	-	-
DU03	WSP2021h_ii_VS_W11	19 May 2021	VS_W11	Normal	<100	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W12	19 May 2021	VS_W12	Normal	1,500	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W13	19 May 2021	VS_W13	Normal	290	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W14	19 May 2021	VS_W14	Normal	#1	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W15	19 May 2021	VS_W15	Normal	6,600	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W16	19 May 2021	VS_W16	Normal	3,900	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W17	19 May 2021	VS_W17	Normal	#1	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W18	19 May 2021	VS_W18	Normal	#1	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W19	19 May 2021	VS_W19	Normal	#1	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W20	27 May 2021	VS_W20	Normal	1,200	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W21	27 May 2021	VS_W21	Normal	370	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W22	27 May 2021	VS_W22	Normal	730	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W23	27 May 2021	VS_W23	Normal	470	<100	-	-	-	-	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Petroleum Hydrocarbons - Silica Gel		Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-Chemical Parameters	
	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content	Moisture Content (dried @ 103°C)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL	100	100	0.1	0.05	0.05	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							
>=0m, <1m							
>=1m, <2m							
>=2m, <4m							
>=4m							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							
>=0m, <2m							
>=2m, <4m							
>=4m							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU03	**WSP2021h_ii_VS_W24**	**27 May 2021**	**VS_W24**	**Normal**	11,000	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W25**	**27 May 2021**	**VS_W25**	**Normal**	1,100	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W26**	**27 May 2021**	**VS_W26**	**Normal**	4,900	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W27**	**27 May 2021**	**VS_W27**	**Normal**	<100	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W28**	**27 May 2021**	**VS_W28**	**Normal**	610	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W29**	**27 May 2021**	**VS_W29**	**Normal**	1,200	140	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W30**	**03 Jun 2021**	**VS_W30**	**Normal**	2,200	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W31**	**03 Jun 2021**	**VS_W31**	**Normal**	730	<100	-	-	-	-	-
DU03	**WSP2021h_ii_VS_W32**	**03 Jun 2021**	**VS_W32**	**Normal**	2,500	<100	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.1**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.2**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP1**	**19 May 2021**	**LNAPL_SP1.3**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.1**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.2**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.3**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.4**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.5**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP2**	**19 May 2021**	**LNAPL_SP2.6**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.1**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.2**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2021h_LNAPL_SP3**	**19 May 2021**	**LNAPL_SP3.3**	**Normal**	-	-	-	-	-	-	-
DU03	**WSP2024h_TP14**	**15 May 2024**	**TP14_0.2**	**Normal**	-	-	-	-	-	-	6.5
DU03	**WSP2024h_TP14**	**15 May 2024**	**TP14_1.0**	**Normal**	-	-	-	-	-	-	16
DU03	**WSP2024h_TP15**	**15 May 2024**	**TP15_0.2**	**Normal**	-	-	-	-	-	-	6.5
DU03	**WSP2024h_TP15**	**15 May 2024**	**TP15_1.5**	**Normal**	-	-	-	-	-	-	18
DU03	**WSP2024h_TP16**	**15 May 2024**	**TP16_0.2**	**Normal**	-	-	-	-	-	-	10
DU03	**WSP2024h_TP16**	**15 May 2024**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	19
DU03	**WSP2024h_TP17**	**15 May 2024**	**TP17_0.2**	**Normal**	-	-	-	-	-	-	11
DU03	**WSP2024h_TP17**	**15 May 2024**	**TP17_1.0**	**Normal**	-	-	-	-	-	-	13
DU03	**WSP2024h_TP18**	**15 May 2024**	**TP18_0.2**	**Normal**	-	-	-	-	-	-	11
DU03	**WSP2024h_TP18**	**15 May 2024**	**TP18_1.0**	**Normal**	-	-	-	-	-	-	14
DU03	**WSP2024h_TP19**	**15 May 2024**	**QA03**	**Field_D**	-	-	-	-	-	-	7.2

DU03 - 1c: Soil Analytical Results – Human Health Screening

	Petroleum Hydrocarbons - Silica Gel		Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-Chemical Parameters	
	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content	Moisture Content (dried @ 103°C)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL	100	100	0.1	0.05	0.05	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							
>=0m, <1m							
>=1m, <2m							
>=2m, <4m							
>=4m							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							
>=0m, <2m							
>=2m, <4m							
>=4m							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type							
DU03	WSP2024h_TP19	15 May 2024	QA03A	Interlab_D	-	-	-	-	-	7.8	-
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	-	-	-	-	-	-	8.2
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	-	-	-	-	-	-	18
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	-	-	-	-	-	-	8.6
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	-	-	-	-	-	-	13
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	-	-	-	-	-	-	9.3
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	-	-	-	-	-	-	14
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	-	-	-	-	-	-	28
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	-	-	-	-	-	-	12
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	-	-	-	-	-	-	9.4
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	-	-	-	-	-	-	10
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	-	-	-	-	-	-	8.5
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	-	-	-	-	-	-	14
DU03	WSP2024h_TP25	14 May 2024	QA04	Field_D	-	-	-	-	-	-	10
DU03	WSP2024h_TP25	14 May 2024	QA04A	Interlab_D	-	-	-	-	-	9.8	-
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	-	-	-	-	-	-	12
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	-	-	-	-	-	-	10
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	-	-	-	-	-	-	14
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	-	-	-	-	-	-	9.1
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	-	-	-	-	-	-	12
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	-	-	-	-	-	-	11
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	-	-	-	-	-	-	8.3
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	-	-	-	-	-	-	9.5
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	-	-	-	-	-	-	12
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	-	-	-	-	-	-	9.9
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	-	-	-	-	-	-	12
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	-	-	-	-	-	-	9.7
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	-	-	-	-	-	-	12
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	-	-	-	-	-	-	11
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	-	-	-	-	-	-	11
DU03	WSP2024h_TP32	14 May 2024	QA06	Field_D	-	-	-	-	-	-	8.3
DU03	WSP2024h_TP32	14 May 2024	QA06A	Interlab_D	-	-	-	-	-	10.9	-

DU03 - 1c: Soil Analytical Results – Human Health Screening

	verable Hydrocarbons - Silica Gel		Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-Chemical Parameters	
	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content	Moisture Content (dried @ 103°C)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL	100	100	0.1	0.05	0.05	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							
>=0m, <1m							
>=1m, <2m							
>=2m, <4m							
>=4m							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							
>=0m, <2m							
>=2m, <4m							
>=4m							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type							
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_0.2**	**Normal**	-	-	-	-	-	-	11
DU03	**WSP2024h_TP32**	**14 May 2024**	**TP32_1.5**	**Normal**	-	-	-	-	-	-	16
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_0.1**	**Normal**	-	-	-	-	-	-	8.7
DU03	**WSP2024h_TP33**	**13 May 2024**	**TP33_1.5**	**Normal**	-	-	-	-	-	-	9.9
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_0.1**	**Normal**	-	-	-	-	-	-	9.5
DU03	**WSP2024h_TP34**	**13 May 2024**	**TP34_1.0**	**Normal**	-	-	-	-	-	-	13
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_0.1**	**Normal**	-	-	-	-	-	-	7.9
DU03	**WSP2024h_TP35**	**13 May 2024**	**TP35_2.0**	**Normal**	-	-	-	-	-	-	13
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_0.1**	**Normal**	-	-	-	-	-	-	9.6
DU03	**WSP2024h_TP36**	**13 May 2024**	**TP36_1.0**	**Normal**	-	-	-	-	-	-	11
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_0.1**	**Normal**	-	-	-	-	-	-	12
DU03	**WSP2024h_TP37**	**13 May 2024**	**TP37_1.0**	**Normal**	-	-	-	-	-	-	15
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_0.1**	**Normal**	-	-	-	-	-	-	13
DU03	**WSP2024h_TP38**	**13 May 2024**	**TP38_1.0**	**Normal**	-	-	-	-	-	-	13
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_0.1**	**Normal**	-	-	-	-	-	-	9.6
DU03	**WSP2024h_TP39**	**13 May 2024**	**TP39_1.0**	**Normal**	-	-	-	-	-	-	12
DU03	**WSP2023i_BH13**	**25 Aug 2023**	**BH13_1.2**	**Normal**	-	-	<0.1	<0.05	<0.05	-	-
DU03	**WSP2023i_BH14**	**25 Aug 2023**	**BH14_0.5**	**Normal**	-	-	<0.1	<0.05	<0.05	-	-
DU03	**WSP2023i_CTP16**	**25 Aug 2023**	**CTP16_0.5**	**Normal**	-	-	<1	<0.5	<0.5	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer S
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavai
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, o
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in s
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

DU03 - 1c: Soil Analytical Results – Human Health Screening

	verable Hydrocarbons - Silica Gel		Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-Chemical Parameters	
	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content	Moisture Content (dried @ 103°C)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL	100	100	0.1	0.05	0.05	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							
>=0m, <1m							
>=1m, <2m							
>=2m, <4m							
>=4m							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							
>=0m, <2m							
>=2m, <4m							
>=4m							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900 [#9]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2019_BH04CM	BH04_0.5_CM	12 Nov 2018	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2019_BH05CM	BH05_1.0_CM	13 Nov 2018	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2019_BH06CM	BH06_1.0_CM	13 Nov 2018	Normal	<20	<20	<50	<50	710	<100	710	-	-	-	-	-	-	-
DU03	WSP2019_BH06CM	BH06_1.5_CM	13 Nov 2018	Normal	<20	<20	<50	<50	570	<100	570	-	-	-	-	-	3	0
DU03	WSP2019_BH07CM	BH07_1.5_CM	13 Nov 2018	Normal	<20	<20	<50	<50	2,400	<100	2,400	-	-	-	-	-	-	-
DU03	WSP2019_BH08CM	BH08_1.0_CM	13 Nov 2018	Normal	<20	<20	<50	<50	300	<100	300	-	-	-	-	-	2	0
DU03	WSP2019_BH09CM	BH09_1.0_CM	14 Nov 2018	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2019_BH10CM	BH10_0.5_CM	14 Nov 2018	Normal	<20	<20	220	220	1,000	<100	1,220	-	-	-	-	-	-	-
DU03	WSP2019_BH11CM	BH11_0.5_CM	14 Nov 2018	Normal	<20	<20	<50	<50	13,000	<100	13,000	-	-	-	-	-	-	-
DU03	WSP2019_BH11CM	BH11_1.0_CM	14 Nov 2018	Normal	<20	<20	<50	<50	12,000	<100	12,000	-	-	-	-	-	3	0
DU03	WSP2019_BH12CM	BH12_1.0_CM	14 Nov 2018	Normal	<20	<20	230	230	1,800	420	2,450	-	-	-	-	-	-	-
DU03	WSP2019_BH13CM	BH13_0.5_CM	15 Nov 2018	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2019_BH14CM	BH14_0.5_CM	15 Nov 2018	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3	0
DU03	WSP2019_BH14CM	BH14_1.0_CM	15 Nov 2018	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2019_BH15CM	BH15_1.0_CM	15 Nov 2018	Normal	<20	<20	110	110	1,300	260	1,670	-	-	-	-	-	-	-
DU03	WSP2019_BH16CM	BH16_0.5_CM	15 Nov 2018	Normal	<20	<20	<50	<50	110	<100	110	-	-	-	-	-	2	0
DU03	WSP2019_BH16CM	BH16_1.0_CM	15 Nov 2018	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	CMW18-1.0	28 May 2019	Normal	<20	<20	97	97	6,000	<100	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	CMW18-2.5	28 May 2019	Normal	39	39	<50	<50	1,900	<100	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	CMW19-1.0	30 May 2019	Normal	<20	<20	<50	<50	2,000	<100	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	CMW19-2.5	30 May 2019	Normal	<20	<20	<50	<50	260	<100	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW20	CMW20-2.0	30 May 2019	Normal	<20	<20	<50	<50	<100	<100	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	CMW21-0.5	30 May 2019	Normal	<20	<20	<50	<50	3,000	<100	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	CMW21-3.0	30 May 2019	Normal	<20	<20	<50	<50	<100	<100	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F1	VS_F1	19 May 2021	Normal	<20	<20	<50	<50	280	<100	280	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F2	VS_F2	19 May 2021	Normal	<20	<20	<50	<50	5,500	<100	5,500	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F3	VS_F3	19 May 2021	Normal	<20	<20	<50	<50	9,500	<100	9,500	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F4	VS_F4	19 May 2021	Normal	<20	<20	<50	<50	9,000	<100	9,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F5	VS_F5	19 May 2021	Normal	<20	<20	<500	<500	11,000	<1,000.0	11,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F6	VS_F6	19 May 2021	Normal	<20	<20	<500	<500	12,000	<1,000.0	12,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F7	VS_F7	19 May 2021	Normal	<20	<20	<50	<50	9,700	320	10,020	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F8	VS_F8	19 May 2021	Normal	71	71	<500	<500	10,000	<1,000.0	10,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F9	VS_F9	19 May 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F10	VS_F10	19 May 2021	Normal	120	120	66	66	8,500	<100	8,566	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F11	VS_F11	19 May 2021	Normal	<20	<20	120	120	2,700	<100	2,820	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F12	VS_F12	19 May 2021	Normal	<20	<20	760	760	4,400	<100	5,160	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F13	VS_F13	19 May 2021	Normal	<20	<20	<50	<50	9,600	<100	9,600	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F14	VS_F14	19 May 2021	Normal	<20	<20	<50	<50	11,000	<100	11,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F15	VS_F15	19 May 2021	Normal	<20	<20	<500	<500	20,000	<1,000.0	20,000	-	-	-	-	-	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2021h_ii_VS_F16	VS_F16	19 May 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F17	VS_F17	19 May 2021	Normal	<20	<20	<50	<50	11,000	<100	11,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W1	VS_W1	19 May 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W2	VS_W2	19 May 2021	Normal	<20	<20	<50	<50	**29,000**	<100	29,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W3	VS_W3	19 May 2021	Normal	<20	<20	<500	<500	21,000	<1,000.0	21,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W4	VS_W4	19 May 2021	Normal	<20	<20	<500	<500	5,400	<1,000.0	5,400	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W5	VS_W5	19 May 2021	Normal	<20	<20	<500	<500	18,000	<1,000.0	18,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W6	VS_W6	19 May 2021	Normal	<20	<20	<50	<50	8,700	<100	8,700	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W7	VS_W7	19 May 2021	Normal	<20	<20	55	55	6,000	<100	6,055	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W8	VS_W8	19 May 2021	Normal	<20	<20	<50	<50	370	<100	370	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W9	VS_W9	19 May 2021	Normal	<20	<20	<50	<50	300	<100	300	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W10	VS_W10	19 May 2021	Normal	<20	<20	<50	<50	120	<100	120	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W11	VS_W11	19 May 2021	Normal	<20	<20	<50	<50	180	<100	180	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W12	VS_W12	19 May 2021	Normal	<20	<20	190	190	1,900	<100	2,090	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W13	VS_W13	19 May 2021	Normal	<20	<20	50	50	540	<100	590	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W14	VS_W14	19 May 2021	Normal	<20	<20	<500	<500	18,000	<1,000.0	18,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W15	VS_W15	19 May 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W16	VS_W16	19 May 2021	Normal	<20	<20	<50	<50	4,000	200	4,200	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W17	VS_W17	19 May 2021	Normal	<20	<20	<500	<500	**29,000**	<1,000.0	29,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W18	VS_W18	19 May 2021	Normal	<20	<20	<500	<500	23,000	<1,000.0	23,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W19	VS_W19	19 May 2021	Normal	<20	<20	<500	<500	19,000	<1,000.0	19,000	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W20	VS_W20	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W21	VS_W21	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W22	VS_W22	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W23	VS_W23	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W24	VS_W24	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W25	VS_W25	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W26	VS_W26	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W27	VS_W27	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W28	VS_W28	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W29	VS_W29	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W30	VS_W30	03 Jun 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W31	VS_W31	03 Jun 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W32	VS_W32	03 Jun 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.1	19 May 2021	Normal	<20	<20	<50	<50	3,100	100	3,200	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.2	19 May 2021	Normal	<20	<20	<50	<50	1,000	<100	1,000	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.3	19 May 2021	Normal	<20	<20	<50	<50	1,700	110	1,810	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.1	19 May 2021	Normal	<20	<20	<50	<50	670	<100	670	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.2	19 May 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.3	19 May 2021	Normal	<20	<20	<50	<50	640	<100	640	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.4	19 May 2021	Normal	<20	<20	<50	<50	1,800	120	1,920	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.5	19 May 2021	Normal	<20	<20	<50	<50	6,400	110	6,510	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.6	19 May 2021	Normal	<20	<20	<50	<50	410	<100	410	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.1	19 May 2021	Normal	<20	<20	<50	<50	2,400	<100	2,400	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.2	19 May 2021	Normal	<20	<20	<50	<50	2,600	<100	2,600	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.3	19 May 2021	Normal	<20	<20	<50	<50	3,500	110	3,610	-	-	-	-	-	-	-
DU03	WSP2024h_TP14	TP14_0.2	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP14	TP14_1.0	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP15	TP15_0.2	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP15	TP15_1.5	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP16	TP16_0.2	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP16	TP16_1.0	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP17	TP17_0.2	15 May 2024	Normal	<20	<20	<50	<50	140	<100	140	<20	<20	95	55	150	-	-
DU03	WSP2024h_TP17	TP17_1.0	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP18	TP18_0.2	15 May 2024	Normal	<20	<20	<50	<50	110	<100	110	<20	<20	70	53	123	-	-
DU03	WSP2024h_TP18	TP18_1.0	15 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP19	QA03	15 May 2024	Field_D	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP19	QA03A	15 May 2024	Interlab_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-
DU03	WSP2024h_TP19	TP19_0.2	15 May 2024	Normal	<20	<20	<50	<50	430	410	840	<20	<20	160	390	550	-	-
DU03	WSP2024h_TP19	TP19_1.5	15 May 2024	Normal	<20	<20	<50	<50	6,400.0	110	6,510.0	<20	<20	6,300.0	230	6,530.0	-	-
DU03	WSP2024h_TP20	TP20_0.2	14 May 2024	Normal	<20	<20	<50	<50	1,100.0	300	1,400.0	<20	<20	710	540	1,250.0	-	-
DU03	WSP2024h_TP20	TP20_1.0	14 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	60	140	200	-	-
DU03	WSP2024h_TP21	TP21_0.2	14 May 2024	Normal	<20	<20	<50	<50	1,200.0	330	1,530.0	<20	<20	690	590	1,280.0	-	-
DU03	WSP2024h_TP21	TP21_1.0	14 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP22	TP22_0.2	14 May 2024	Normal	<20	<20	<50	<50	390	250	640	<20	<20	240	220	460	-	-
DU03	WSP2024h_TP22	TP22_1.0	14 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP23	TP23_0.2	14 May 2024	Normal	<20	<20	<50	<50	300	<100	300	<20	<20	170	180	350	-	-
DU03	WSP2024h_TP23	TP23_1.0	14 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP24	TP24_0.2	14 May 2024	Normal	<20	<20	<50	<50	280	270	550	<20	<20	120	230	350	-	-
DU03	WSP2024h_TP24	TP24_1.5	14 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	WSP2024h_TP25	QA04	14 May 2024	Field_D	<20	<20	<50	<50	760	380	1,140.0	<20	<20	390	470	860	-	-
DU03	WSP2024h_TP25	QA04A	14 May 2024	Interlab_D	<10	<10	<50	<50	530	230	760	<10	<50	270	340	610	-	-
DU03	WSP2024h_TP25	TP25_0.2	14 May 2024	Normal	<20	<20	<50	<50	190	<100	190	<20	<20	120	100	220	-	-
DU03	WSP2024h_TP25	TP25_1.0	14 May 2024	Normal	<20	<20	<50	<50	2,200.0	1,300.0	3,500.0	<20	<20	980	1,700.0	2,680.0	-	-
DU03	WSP2024h_TP25	TP25_2.0	14 May 2024	Normal	<20	<20	<50	<50	550	270	820	<20	<20	280	350	630	-	-
DU03	WSP2024h_TP26	TP26_0.2	14 May 2024	Normal	<20	<20	<50	<50	500	390	890	<20	<20	240	380	620	-	-
DU03	WSP2024h_TP26	TP26_2.0	14 May 2024	Normal	<20	<20	<50	<50	460	190	650	<20	<20	280	240	520	-	-
DU03	WSP2024h_TP27	TP27_0.2	14 May 2024	Normal	<20	<20	<50	<50	330	240	570	<20	<20	170	240	410	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	**WSP2024h_TP27**	**TP27_1.0**	**14 May 2024**	**Normal**	<20	<20	<50	<50	400	200	600	<20	<20	230	230	460	-	-
DU03	**WSP2024h_TP28**	**TP28_0.2**	**14 May 2024**	**Normal**	<20	<20	<50	<50	170	140	310	<20	<20	120	100	220	-	-
DU03	**WSP2024h_TP28**	**TP28_1.5**	**14 May 2024**	**Normal**	<20	<20	<50	<50	410	160	570	<20	<20	250	210	460	-	-
DU03	**WSP2024h_TP29**	**TP29_0.2**	**14 May 2024**	**Normal**	<20	<20	<50	<50	580	230	810	<20	<20	350	320	670	-	-
DU03	**WSP2024h_TP29**	**TP29_2.0**	**14 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	**WSP2024h_TP30**	**TP30_0.2**	**14 May 2024**	**Normal**	<20	<20	<50	<50	800	310	1,110.0	<20	<20	480	450	930	-	-
DU03	**WSP2024h_TP30**	**TP30_1.0**	**14 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	**WSP2024h_TP31**	**TP31_0.2**	**14 May 2024**	**Normal**	<20	<20	<50	<50	1,200.0	370	1,570.0	<20	<20	860	490	1,350.0	-	-
DU03	**WSP2024h_TP31**	**TP31_1.0**	**14 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	**WSP2024h_TP32**	**QA06**	**14 May 2024**	**Field_D**	<20	<20	<50	<50	330	140	470	<20	<20	170	210	380	-	-
DU03	**WSP2024h_TP32**	**QA06A**	**14 May 2024**	**Interlab_D**	<10	<10	<50	<50	250	120	370	<10	<50	140	160	300	-	-
DU03	**WSP2024h_TP32**	**TP32_0.2**	**14 May 2024**	**Normal**	<20	<20	<50	<50	190	110	300	<20	<20	110	110	220	-	-
DU03	**WSP2024h_TP32**	**TP32_1.5**	**14 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	57	57	-	-
DU03	**WSP2024h_TP33**	**TP33_0.1**	**13 May 2024**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	100	130	230	-	-
DU03	**WSP2024h_TP33**	**TP33_1.5**	**13 May 2024**	**Normal**	<20	<20	<50	<50	13,000.0	2,800.0	15,800.0	<20	<20	7,500.0	7,100.0	14,600.0	-	-
DU03	**WSP2024h_TP34**	**TP34_0.1**	**13 May 2024**	**Normal**	<20	<20	<50	<50	690	230	920	<20	<20	430	340	770	-	-
DU03	**WSP2024h_TP34**	**TP34_1.0**	**13 May 2024**	**Normal**	<20	<20	<50	<50	5,000.0	1,600.0	6,600.0	<20	<20	2,700.0	2,800.0	5,500.0	-	-
DU03	**WSP2024h_TP35**	**TP35_0.1**	**13 May 2024**	**Normal**	<20	<20	<50	<50	390	200	590	<20	<20	190	270	460	-	-
DU03	**WSP2024h_TP35**	**TP35_2.0**	**13 May 2024**	**Normal**	<20	<20	<50	<50	2,200.0	770	2,970.0	<20	<20	1,300.0	1,200.0	2,500.0	-	-
DU03	**WSP2024h_TP36**	**TP36_0.1**	**13 May 2024**	**Normal**	<20	<20	<50	<50	500	210	710	<20	<20	280	300	580	-	-
DU03	**WSP2024h_TP36**	**TP36_1.0**	**13 May 2024**	**Normal**	<20	<20	<50	<50	1,700.0	800	2,500.0	<20	<20	890	1,000.0	1,890.0	-	-
DU03	**WSP2024h_TP37**	**TP37_0.1**	**13 May 2024**	**Normal**	<20	<20	<50	<50	400	200	600	<20	<20	220	250	470	-	-
DU03	**WSP2024h_TP37**	**TP37_1.0**	**13 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	160	160	-	-
DU03	**WSP2024h_TP38**	**TP38_0.1**	**13 May 2024**	**Normal**	<20	<20	<50	<50	290	150	440	<20	<20	160	180	340	-	-
DU03	**WSP2024h_TP38**	**TP38_1.0**	**13 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU03	**WSP2024h_TP39**	**TP39_0.1**	**13 May 2024**	**Normal**	<20	<20	<50	<50	210	<100	210	<20	<20	130	110	240	-	-
DU03	**WSP2024h_TP39**	**TP39_1.0**	**13 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU17	**WSP2023i_BH13**	**BH13_1.2**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	<50	3.5	<0.4
DU17	**WSP2023i_BH14**	**BH14_0.5**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	<50	<2	<0.4
DU17	**WSP2023i_CTP16**	**CTP16_0.5**	**25 Aug 2023**	**Normal**	-	-	-	-	-	-	-	<20	-	-	-	359	<2	<0.4

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil	700[#1]			1,000[#1]	3,500	10,000								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)	**26,000**			**20,000**	**27,000**	**38,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)	*82,000*			*62,000*	*85,000*	*120,000*								

Monitoring Zone **Location Code** **Field ID** **Date** **Sample Type**

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Metals						Monocyclic Aromatic Hydrocarbons							
					Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**430**	**99,000**	**27,000**			**81,000**		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)											*1,100*	*120,000*	*85,000*			*130,000*		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2019_BH04CM	BH04_0.5_CM	12 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH05CM	BH05_1.0_CM	13 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH06CM	BH06_1.0_CM	13 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH06CM	BH06_1.5_CM	13 Nov 2018	Normal	23	29	38	1.3	13	340	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH07CM	BH07_1.5_CM	13 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH08CM	BH08_1.0_CM	13 Nov 2018	Normal	8	10	15	0.3	6	110	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH09CM	BH09_1.0_CM	14 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH10CM	BH10_0.5_CM	14 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH11CM	BH11_0.5_CM	14 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH11CM	BH11_1.0_CM	14 Nov 2018	Normal	<5	<5	28	<0.1	<5	37	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH12CM	BH12_1.0_CM	14 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH13CM	BH13_0.5_CM	15 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH14CM	BH14_0.5_CM	15 Nov 2018	Normal	14	11	<5	<0.1	24	15	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH14CM	BH14_1.0_CM	15 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH15CM	BH15_1.0_CM	15 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH16CM	BH16_0.5_CM	15 Nov 2018	Normal	<5	11	6	<0.1	<5	27	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_BH16CM	BH16_1.0_CM	15 Nov 2018	Normal	-	-	-	-	-	-	<100	<100	<100	<200	<100	<300	-	<0.5
DU03	WSP2019_CMW18	CMW18-1.0	28 May 2019	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-
DU03	WSP2019_CMW18	CMW18-2.5	28 May 2019	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-
DU03	WSP2019_CMW19	CMW19-1.0	30 May 2019	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-
DU03	WSP2019_CMW19	CMW19-2.5	30 May 2019	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-
DU03	WSP2019_CMW20	CMW20-2.0	30 May 2019	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-
DU03	WSP2019_CMW21	CMW21-0.5	30 May 2019	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-
DU03	WSP2019_CMW21	CMW21-3.0	30 May 2019	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-
DU03	WSP2021h_ii_VS_F1	VS_F1	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F2	VS_F2	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F3	VS_F3	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F4	VS_F4	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F5	VS_F5	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F6	VS_F6	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F7	VS_F7	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F8	VS_F8	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F9	VS_F9	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F10	VS_F10	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	0.3	0.4	<0.1	0.4	-	-
DU03	WSP2021h_ii_VS_F11	VS_F11	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F12	VS_F12	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F13	VS_F13	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F14	VS_F14	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F15	VS_F15	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Metals						Monocyclic Aromatic Hydrocarbons							
					Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**430**	**99,000**	**27,000**			**81,000**		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)											*1,100*	*120,000*	*85,000*			*130,000*		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2021h_ii_VS_F16	VS_F16	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_F17	VS_F17	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W1	VS_W1	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W2	VS_W2	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W3	VS_W3	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W4	VS_W4	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W5	VS_W5	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W6	VS_W6	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W7	VS_W7	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W8	VS_W8	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W9	VS_W9	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W10	VS_W10	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W11	VS_W11	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W12	VS_W12	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W13	VS_W13	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W14	VS_W14	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W15	VS_W15	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W16	VS_W16	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W17	VS_W17	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W18	VS_W18	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W19	VS_W19	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W20	VS_W20	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W21	VS_W21	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W22	VS_W22	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W23	VS_W23	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W24	VS_W24	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W25	VS_W25	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W26	VS_W26	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W27	VS_W27	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W28	VS_W28	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W29	VS_W29	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W30	VS_W30	03 Jun 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W31	VS_W31	03 Jun 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2021h_ii_VS_W32	VS_W32	03 Jun 2021	Normal	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.1	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.2	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.3	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.1	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.2	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Metals						Monocyclic Aromatic Hydrocarbons							
					Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**430**	**99,000**	**27,000**			**81,000**		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)											*1,100*	*120,000*	*85,000*			*130,000*		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.3	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.4	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.5	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.7
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.6	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.1	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.2	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.3	19 May 2021	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	0.6
DU03	WSP2024h_TP14	TP14_0.2	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP14	TP14_1.0	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP15	TP15_0.2	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP15	TP15_1.5	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP16	TP16_0.2	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP16	TP16_1.0	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP17	TP17_0.2	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP17	TP17_1.0	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP18	TP18_0.2	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP18	TP18_1.0	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP19	QA03	15 May 2024	Field_D	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP19	QA03A	15 May 2024	Interlab_D	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
DU03	WSP2024h_TP19	TP19_0.2	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP19	TP19_1.5	15 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP20	TP20_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP20	TP20_1.0	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP21	TP21_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP21	TP21_1.0	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP22	TP22_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP22	TP22_1.0	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP23	TP23_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP23	TP23_1.0	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP24	TP24_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP24	TP24_1.5	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP25	QA04	14 May 2024	Field_D	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP25	QA04A	14 May 2024	Interlab_D	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
DU03	WSP2024h_TP25	TP25_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP25	TP25_1.0	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP25	TP25_2.0	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP26	TP26_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP26	TP26_2.0	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	WSP2024h_TP27	TP27_0.2	14 May 2024	Normal	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Metals						Monocyclic Aromatic Hydrocarbons							
					Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**430**	**99,000**	**27,000**			**81,000**		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)											*1,100*	*120,000*	*85,000*			*130,000*		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	**WSP2024h_TP27**	**TP27_1.0**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	0.1	<0.3	-	-
DU03	**WSP2024h_TP28**	**TP28_0.2**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP28**	**TP28_1.5**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP29**	**TP29_0.2**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP29**	**TP29_2.0**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP30**	**TP30_0.2**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP30**	**TP30_1.0**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP31**	**TP31_0.2**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP31**	**TP31_1.0**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP32**	**QA06**	**14 May 2024**	**Field_D**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP32**	**QA06A**	**14 May 2024**	**Interlab_D**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
DU03	**WSP2024h_TP32**	**TP32_0.2**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP32**	**TP32_1.5**	**14 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP33**	**TP33_0.1**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP33**	**TP33_1.5**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP34**	**TP34_0.1**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP34**	**TP34_1.0**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP35**	**TP35_0.1**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP35**	**TP35_2.0**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP36**	**TP36_0.1**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP36**	**TP36_1.0**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP37**	**TP37_0.1**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP37**	**TP37_1.0**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP38**	**TP38_0.1**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP38**	**TP38_1.0**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP39**	**TP39_0.1**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU03	**WSP2024h_TP39**	**TP39_1.0**	**13 May 2024**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU17	**WSP2023i_BH13**	**BH13_1.2**	**25 Aug 2023**	**Normal**	<5	-	<5	<0.1	<5	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-
DU17	**WSP2023i_BH14**	**BH14_0.5**	**25 Aug 2023**	**Normal**	10	-	61	0.3	17	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-
DU17	**WSP2023i_CTP16**	**CTP16_0.5**	**25 Aug 2023**	**Normal**	70	-	6.7	0.1	7.3	-	<0.1	<0.1	<0.1	-	-	<0.3	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

	Metals						Monocyclic Aromatic Hydrocarbons							
	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Half)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*		

Monitoring Zone	Location Code	Field ID	Date	Sample Type
CRC Care, CRC Care 2011 T	able B4 Soil HSL Direct Con	act (Int. Main. Worker)		

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons													
					Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2019_BH04CM	BH04_0.5_CM	12 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH05CM	BH05_1.0_CM	13 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH06CM	BH06_1.0_CM	13 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	1	-	-	-	-	<0.5
DU03	WSP2019_BH06CM	BH06_1.5_CM	13 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH07CM	BH07_1.5_CM	13 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH08CM	BH08_1.0_CM	13 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH09CM	BH09_1.0_CM	14 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH10CM	BH10_0.5_CM	14 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH11CM	BH11_0.5_CM	14 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH11CM	BH11_1.0_CM	14 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH12CM	BH12_1.0_CM	14 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<5	-	-	-	-	<5
DU03	WSP2019_BH13CM	BH13_0.5_CM	15 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH14CM	BH14_0.5_CM	15 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH14CM	BH14_1.0_CM	15 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH15CM	BH15_1.0_CM	15 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH16CM	BH16_0.5_CM	15 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_BH16CM	BH16_1.0_CM	15 Nov 2018	Normal	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	<0.5
DU03	WSP2019_CMW18	CMW18-1.0	28 May 2019	Normal	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	CMW18-2.5	28 May 2019	Normal	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	CMW19-1.0	30 May 2019	Normal	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	CMW19-2.5	30 May 2019	Normal	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW20	CMW20-2.0	30 May 2019	Normal	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	CMW21-0.5	30 May 2019	Normal	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	CMW21-3.0	30 May 2019	Normal	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F1	VS_F1	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F2	VS_F2	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F3	VS_F3	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F4	VS_F4	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F5	VS_F5	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F6	VS_F6	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F7	VS_F7	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F8	VS_F8	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F9	VS_F9	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F10	VS_F10	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F11	VS_F11	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F12	VS_F12	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F13	VS_F13	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F14	VS_F14	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F15	VS_F15	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons													
					Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2021h_ii_VS_F16	VS_F16	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F17	VS_F17	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W1	VS_W1	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W2	VS_W2	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W3	VS_W3	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W4	VS_W4	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W5	VS_W5	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W6	VS_W6	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W7	VS_W7	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W8	VS_W8	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W9	VS_W9	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W10	VS_W10	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W11	VS_W11	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W12	VS_W12	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W13	VS_W13	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W14	VS_W14	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W15	VS_W15	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W16	VS_W16	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W17	VS_W17	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W18	VS_W18	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W19	VS_W19	19 May 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W20	VS_W20	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W21	VS_W21	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W22	VS_W22	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W23	VS_W23	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W24	VS_W24	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W25	VS_W25	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W26	VS_W26	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W27	VS_W27	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W28	VS_W28	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W29	VS_W29	27 May 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W30	VS_W30	03 Jun 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W31	VS_W31	03 Jun 2021	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_W32	VS_W32	03 Jun 2021	Normal	-	-	-	-	-	-	-	<5	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.1	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.2	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.3	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.1	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.2	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons													
					Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.3	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.4	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.5	19 May 2021	Normal	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.6	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.1	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.2	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.3	19 May 2021	Normal	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5
DU03	WSP2024h_TP14	TP14_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP14	TP14_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP15	TP15_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP15	TP15_1.5	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP16	TP16_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP16	TP16_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP17	TP17_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP17	TP17_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP18	TP18_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP18	TP18_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP19	QA03	15 May 2024	Field_D	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP19	QA03A	15 May 2024	Interlab_D	-	-	-	-	-	-	-	<1	-	-	-	-	-	-
DU03	WSP2024h_TP19	TP19_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP19	TP19_1.5	15 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP20	TP20_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP20	TP20_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP21	TP21_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP21	TP21_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP22	TP22_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP22	TP22_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP23	TP23_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP23	TP23_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP24	TP24_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP24	TP24_1.5	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP25	QA04	14 May 2024	Field_D	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP25	QA04A	14 May 2024	Interlab_D	-	-	-	-	-	-	-	<1	-	-	-	-	-	-
DU03	WSP2024h_TP25	TP25_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP25	TP25_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP25	TP25_2.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP26	TP26_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP26	TP26_2.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP27	TP27_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons															
					Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU03	WSP2024h_TP27	TP27_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP28	TP28_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP28	TP28_1.5	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP29	TP29_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP29	TP29_2.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP30	TP30_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP30	TP30_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP31	TP31_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP31	TP31_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP32	QA06	14 May 2024	Field_D	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP32	QA06A	14 May 2024	Interlab_D	-	-	-	-	-	-	-	<1	-	-	-	-	-	-
DU03	WSP2024h_TP32	TP32_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP32	TP32_1.5	14 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP33	TP33_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP33	TP33_1.5	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP34	TP34_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP34	TP34_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP35	TP35_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP35	TP35_2.0	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP36	TP36_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP36	TP36_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP37	TP37_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP37	TP37_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP38	TP38_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP38	TP38_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP39	TP39_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU03	WSP2024h_TP39	TP39_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU17	WSP2023i_BH13	BH13_1.2	25 Aug 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
DU17	WSP2023i_BH14	BH14_0.5	25 Aug 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
DU17	WSP2023i_CTP16	CTP16_0.5	25 Aug 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

									Polynuclear Aromatic Hydrocarbons							
			Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								Total Recoverable Hydrocarbons - Silica Gel			Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-C Paran
								>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)				
				Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs				Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL				0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	0.1	0.05	0.05	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)										*62,000*	*85,000*	*120,000*				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU03	WSP2019_BH04CM	BH04_0.5_CM	12 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH05CM	BH05_1.0_CM	13 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH06CM	BH06_1.0_CM	13 Nov 2018	Normal	-	-	-	-	-	3.3	-	-	-	-	-	-	-
DU03	WSP2019_BH06CM	BH06_1.5_CM	13 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH07CM	BH07_1.5_CM	13 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH08CM	BH08_1.0_CM	13 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH09CM	BH09_1.0_CM	14 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH10CM	BH10_0.5_CM	14 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH11CM	BH11_0.5_CM	14 Nov 2018	Normal	-	-	-	-	-	0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH11CM	BH11_1.0_CM	14 Nov 2018	Normal	-	-	-	-	-	<1	-	-	-	-	-	-	-
DU03	WSP2019_BH12CM	BH12_1.0_CM	14 Nov 2018	Normal	-	-	-	-	-	<5	-	-	-	-	-	-	-
DU03	WSP2019_BH13CM	BH13_0.5_CM	15 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH14CM	BH14_0.5_CM	15 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH14CM	BH14_1.0_CM	15 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH15CM	BH15_1.0_CM	15 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH16CM	BH16_0.5_CM	15 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_BH16CM	BH16_1.0_CM	15 Nov 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	CMW18-1.0	28 May 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	CMW18-2.5	28 May 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	CMW19-1.0	30 May 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW19	CMW19-2.5	30 May 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW20	CMW20-2.0	30 May 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	CMW21-0.5	30 May 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW21	CMW21-3.0	30 May 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2021h_ii_VS_F1	VS_F1	19 May 2021	Normal	-	-	-	-	-	-	<50	500	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F2	VS_F2	19 May 2021	Normal	-	-	-	-	-	-	<50	2,400	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F3	VS_F3	19 May 2021	Normal	-	-	-	-	-	-	<50	7,600	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F4	VS_F4	19 May 2021	Normal	-	-	-	-	-	-	<50	5,700	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F5	VS_F5	19 May 2021	Normal	-	-	-	-	-	-	<50	11,000	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F6	VS_F6	19 May 2021	Normal	-	-	-	-	-	-	<50	5,600	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F7	VS_F7	19 May 2021	Normal	-	-	-	-	-	-	<50	5,300	170	-	-	-	-
DU03	WSP2021h_ii_VS_F8	VS_F8	19 May 2021	Normal	-	-	-	-	-	-	<50	9,700	200	-	-	-	-
DU03	WSP2021h_ii_VS_F9	VS_F9	19 May 2021	Normal	-	-	-	-	-	-	<50	<100	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F10	VS_F10	19 May 2021	Normal	-	-	-	-	-	-	<50	2,300	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F11	VS_F11	19 May 2021	Normal	-	-	-	-	-	-	110	2,600	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F12	VS_F12	19 May 2021	Normal	-	-	-	-	-	-	610	3,400	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F13	VS_F13	19 May 2021	Normal	-	-	-	-	-	-	<50	5,900	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F14	VS_F14	19 May 2021	Normal	-	-	-	-	-	-	<50	5,500	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F15	VS_F15	19 May 2021	Normal	-	-	-	-	-	-	<50	7,200	<100	-	-	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

									Total Recoverable Hydrocarbons - Silica Gel			Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-C Paran
					Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	0.1	0.05	0.05	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)											*62,000*	*85,000*	*120,000*				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU03	WSP2021h_ii_VS_F16	VS_F16	19 May 2021	Normal	-	-	-	-	-	-	<50	7,700	<100	-	-	-	-
DU03	WSP2021h_ii_VS_F17	VS_F17	19 May 2021	Normal	-	-	-	-	-	-	<50	12,000	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W1	VS_W1	19 May 2021	Normal	-	-	-	-	-	-	<50	<100	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W2	VS_W2	19 May 2021	Normal	-	-	-	-	-	-	<50	#1	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W3	VS_W3	19 May 2021	Normal	-	-	-	-	-	-	<50	#1	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W4	VS_W4	19 May 2021	Normal	-	-	-	-	-	-	<50	8,100	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W5	VS_W5	19 May 2021	Normal	-	-	-	-	-	-	<50	#1	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W6	VS_W6	19 May 2021	Normal	-	-	-	-	-	-	<50	6,500	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W7	VS_W7	19 May 2021	Normal	-	-	-	-	-	-	180	690	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W8	VS_W8	19 May 2021	Normal	-	-	-	-	-	-	<50	770	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W9	VS_W9	19 May 2021	Normal	-	-	-	-	-	-	<50	390	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W10	VS_W10	19 May 2021	Normal	-	-	-	-	-	-	<50	<100	110	-	-	-	-
DU03	WSP2021h_ii_VS_W11	VS_W11	19 May 2021	Normal	-	-	-	-	-	-	-	<100	-	-	-	-	-
DU03	WSP2021h_ii_VS_W12	VS_W12	19 May 2021	Normal	-	-	-	-	-	-	-	1,500	-	-	-	-	-
DU03	WSP2021h_ii_VS_W13	VS_W13	19 May 2021	Normal	-	-	-	-	-	-	-	290	-	-	-	-	-
DU03	WSP2021h_ii_VS_W14	VS_W14	19 May 2021	Normal	-	-	-	-	-	-	-	#1	-	-	-	-	-
DU03	WSP2021h_ii_VS_W15	VS_W15	19 May 2021	Normal	-	-	-	-	-	-	-	6,600	-	-	-	-	-
DU03	WSP2021h_ii_VS_W16	VS_W16	19 May 2021	Normal	-	-	-	-	-	-	-	3,900	-	-	-	-	-
DU03	WSP2021h_ii_VS_W17	VS_W17	19 May 2021	Normal	-	-	-	-	-	-	-	#1	-	-	-	-	-
DU03	WSP2021h_ii_VS_W18	VS_W18	19 May 2021	Normal	-	-	-	-	-	-	-	#1	-	-	-	-	-
DU03	WSP2021h_ii_VS_W19	VS_W19	19 May 2021	Normal	-	-	-	-	-	-	-	#1	-	-	-	-	-
DU03	WSP2021h_ii_VS_W20	VS_W20	27 May 2021	Normal	-	-	-	-	-	-	<50	1,200	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W21	VS_W21	27 May 2021	Normal	-	-	-	-	-	-	<50	370	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W22	VS_W22	27 May 2021	Normal	-	-	-	-	-	-	<50	730	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W23	VS_W23	27 May 2021	Normal	-	-	-	-	-	-	<50	470	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W24	VS_W24	27 May 2021	Normal	-	-	-	-	-	-	<50	11,000	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W25	VS_W25	27 May 2021	Normal	-	-	-	-	-	-	<50	1,100	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W26	VS_W26	27 May 2021	Normal	-	-	-	-	-	-	<50	4,900	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W27	VS_W27	27 May 2021	Normal	-	-	-	-	-	-	<50	<100	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W28	VS_W28	27 May 2021	Normal	-	-	-	-	-	-	<50	610	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W29	VS_W29	27 May 2021	Normal	-	-	-	-	-	-	<50	1,200	140	-	-	-	-
DU03	WSP2021h_ii_VS_W30	VS_W30	03 Jun 2021	Normal	-	-	-	-	-	-	<50	2,200	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W31	VS_W31	03 Jun 2021	Normal	-	-	-	-	-	-	<50	730	<100	-	-	-	-
DU03	WSP2021h_ii_VS_W32	VS_W32	03 Jun 2021	Normal	-	-	-	-	-	-	<50	2,500	<100	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.1	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.2	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.3	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.1	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.2	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								Total Recoverable Hydrocarbons - Silica Gel			Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-C Paran
				Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL				0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	0.1	0.05	0.05	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)										*62,000*	*85,000*	*120,000*				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.3	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.4	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.5	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.6	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.1	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.2	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	-	-	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.3	19 May 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	-	-	-
DU03	WSP2024h_TP14	TP14_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP14	TP14_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP15	TP15_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP15	TP15_1.5	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP16	TP16_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP16	TP16_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP17	TP17_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP17	TP17_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP18	TP18_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP18	TP18_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP19	QA03	15 May 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP19	QA03A	15 May 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	7.8
DU03	WSP2024h_TP19	TP19_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP19	TP19_1.5	15 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP20	TP20_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP20	TP20_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP21	TP21_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP21	TP21_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP22	TP22_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP22	TP22_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP23	TP23_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP23	TP23_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP24	TP24_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP24	TP24_1.5	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	QA04	14 May 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	QA04A	14 May 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	9.8
DU03	WSP2024h_TP25	TP25_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	TP25_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP25	TP25_2.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP26	TP26_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP26	TP26_2.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP27	TP27_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								Total Recoverable Hydrocarbons - Silica Gel			Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-C Paran
				Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL				0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	0.1	0.05	0.05	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)										*62,000*	*85,000*	*120,000*				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU03	WSP2024h_TP27	TP27_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP28	TP28_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP28	TP28_1.5	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP29	TP29_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP29	TP29_2.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP30	TP30_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP30	TP30_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP31	TP31_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP31	TP31_1.0	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP32	QA06	14 May 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP32	QA06A	14 May 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	10.9
DU03	WSP2024h_TP32	TP32_0.2	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP32	TP32_1.5	14 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP33	TP33_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP33	TP33_1.5	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP34	TP34_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP34	TP34_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP35	TP35_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP35	TP35_2.0	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP36	TP36_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP36	TP36_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP37	TP37_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP37	TP37_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP38	TP38_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP38	TP38_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP39	TP39_0.1	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU03	WSP2024h_TP39	TP39_1.0	13 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU17	WSP2023i_BH13	BH13_1.2	25 Aug 2023	Normal	-	-	-	-	-	<0.5	-	-	-	<0.1	<0.05	<0.05	-
DU17	WSP2023i_BH14	BH14_0.5	25 Aug 2023	Normal	-	-	-	-	-	<0.5	-	-	-	<0.1	<0.05	<0.05	-
DU17	WSP2023i_CTP16	CTP16_0.5	25 Aug 2023	Normal	-	-	-	-	-	<0.5	-	-	-	<1	<0.5	<0.5	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

							Total Recoverable Hydrocarbons - Silica Gel			Polychlorinated Biphenyls	Organochlorine Pesticides (OC)		Physio-C Paran
	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Total PCBs	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Moisture Content
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	0.1	0.05	0.05	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*62,000*	*85,000*	*120,000*				

Monitoring Zone	Location Code	Field ID	Date	Sample Type
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)				

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

	Chemical Parameters
	Moisture Content (dried @ 103°C)
	%
EQL	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)	

Monitoring Zone	Location Code	Field ID	Date	Sample Type	
DU03	WSP2019_BH04CM	BH04_0.5_CM	12 Nov 2018	Normal	-
DU03	WSP2019_BH05CM	BH05_1.0_CM	13 Nov 2018	Normal	-
DU03	WSP2019_BH06CM	BH06_1.0_CM	13 Nov 2018	Normal	-
DU03	WSP2019_BH06CM	BH06_1.5_CM	13 Nov 2018	Normal	-
DU03	WSP2019_BH07CM	BH07_1.5_CM	13 Nov 2018	Normal	-
DU03	WSP2019_BH08CM	BH08_1.0_CM	13 Nov 2018	Normal	-
DU03	WSP2019_BH09CM	BH09_1.0_CM	14 Nov 2018	Normal	-
DU03	WSP2019_BH10CM	BH10_0.5_CM	14 Nov 2018	Normal	-
DU03	WSP2019_BH11CM	BH11_0.5_CM	14 Nov 2018	Normal	-
DU03	WSP2019_BH11CM	BH11_1.0_CM	14 Nov 2018	Normal	-
DU03	WSP2019_BH12CM	BH12_1.0_CM	14 Nov 2018	Normal	-
DU03	WSP2019_BH13CM	BH13_0.5_CM	15 Nov 2018	Normal	-
DU03	WSP2019_BH14CM	BH14_0.5_CM	15 Nov 2018	Normal	-
DU03	WSP2019_BH14CM	BH14_1.0_CM	15 Nov 2018	Normal	-
DU03	WSP2019_BH15CM	BH15_1.0_CM	15 Nov 2018	Normal	-
DU03	WSP2019_BH16CM	BH16_0.5_CM	15 Nov 2018	Normal	-
DU03	WSP2019_BH16CM	BH16_1.0_CM	15 Nov 2018	Normal	-
DU03	WSP2019_CMW18	CMW18-1.0	28 May 2019	Normal	-
DU03	WSP2019_CMW18	CMW18-2.5	28 May 2019	Normal	-
DU03	WSP2019_CMW19	CMW19-1.0	30 May 2019	Normal	-
DU03	WSP2019_CMW19	CMW19-2.5	30 May 2019	Normal	-
DU03	WSP2019_CMW20	CMW20-2.0	30 May 2019	Normal	-
DU03	WSP2019_CMW21	CMW21-0.5	30 May 2019	Normal	-
DU03	WSP2019_CMW21	CMW21-3.0	30 May 2019	Normal	-
DU03	WSP2021h_ii_VS_F1	VS_F1	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F2	VS_F2	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F3	VS_F3	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F4	VS_F4	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F5	VS_F5	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F6	VS_F6	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F7	VS_F7	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F8	VS_F8	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F9	VS_F9	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F10	VS_F10	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F11	VS_F11	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F12	VS_F12	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F13	VS_F13	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F14	VS_F14	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F15	VS_F15	19 May 2021	Normal	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

	hemical eters
	Moisture Content (dried @ 103°C)
	%
EQL	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)	

Monitoring Zone	Location Code	Field ID	Date	Sample Type	
DU03	WSP2021h_ii_VS_F16	VS_F16	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_F17	VS_F17	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W1	VS_W1	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W2	VS_W2	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W3	VS_W3	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W4	VS_W4	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W5	VS_W5	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W6	VS_W6	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W7	VS_W7	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W8	VS_W8	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W9	VS_W9	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W10	VS_W10	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W11	VS_W11	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W12	VS_W12	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W13	VS_W13	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W14	VS_W14	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W15	VS_W15	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W16	VS_W16	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W17	VS_W17	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W18	VS_W18	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W19	VS_W19	19 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W20	VS_W20	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W21	VS_W21	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W22	VS_W22	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W23	VS_W23	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W24	VS_W24	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W25	VS_W25	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W26	VS_W26	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W27	VS_W27	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W28	VS_W28	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W29	VS_W29	27 May 2021	Normal	-
DU03	WSP2021h_ii_VS_W30	VS_W30	03 Jun 2021	Normal	-
DU03	WSP2021h_ii_VS_W31	VS_W31	03 Jun 2021	Normal	-
DU03	WSP2021h_ii_VS_W32	VS_W32	03 Jun 2021	Normal	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.1	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.2	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP1	LNAPL_SP1.3	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.1	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.2	19 May 2021	Normal	-

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

	hemical eters
	Moisture Content (dried @ 103°C)
	%
EQL	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)	

Monitoring Zone	Location Code	Field ID	Date	Sample Type	
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.3	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.4	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.5	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP2	LNAPL_SP2.6	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.1	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.2	19 May 2021	Normal	-
DU03	WSP2021h_LNAPL_SP3	LNAPL_SP3.3	19 May 2021	Normal	-
DU03	WSP2024h_TP14	TP14_0.2	15 May 2024	Normal	6.5
DU03	WSP2024h_TP14	TP14_1.0	15 May 2024	Normal	16
DU03	WSP2024h_TP15	TP15_0.2	15 May 2024	Normal	6.5
DU03	WSP2024h_TP15	TP15_1.5	15 May 2024	Normal	18
DU03	WSP2024h_TP16	TP16_0.2	15 May 2024	Normal	10
DU03	WSP2024h_TP16	TP16_1.0	15 May 2024	Normal	19
DU03	WSP2024h_TP17	TP17_0.2	15 May 2024	Normal	11
DU03	WSP2024h_TP17	TP17_1.0	15 May 2024	Normal	13
DU03	WSP2024h_TP18	TP18_0.2	15 May 2024	Normal	11
DU03	WSP2024h_TP18	TP18_1.0	15 May 2024	Normal	14
DU03	WSP2024h_TP19	QA03	15 May 2024	Field_D	7.2
DU03	WSP2024h_TP19	QA03A	15 May 2024	Interlab_D	-
DU03	WSP2024h_TP19	TP19_0.2	15 May 2024	Normal	8.2
DU03	WSP2024h_TP19	TP19_1.5	15 May 2024	Normal	18
DU03	WSP2024h_TP20	TP20_0.2	14 May 2024	Normal	8.6
DU03	WSP2024h_TP20	TP20_1.0	14 May 2024	Normal	13
DU03	WSP2024h_TP21	TP21_0.2	14 May 2024	Normal	9.3
DU03	WSP2024h_TP21	TP21_1.0	14 May 2024	Normal	14
DU03	WSP2024h_TP22	TP22_0.2	14 May 2024	Normal	28
DU03	WSP2024h_TP22	TP22_1.0	14 May 2024	Normal	12
DU03	WSP2024h_TP23	TP23_0.2	14 May 2024	Normal	9.4
DU03	WSP2024h_TP23	TP23_1.0	14 May 2024	Normal	10
DU03	WSP2024h_TP24	TP24_0.2	14 May 2024	Normal	8.5
DU03	WSP2024h_TP24	TP24_1.5	14 May 2024	Normal	14
DU03	WSP2024h_TP25	QA04	14 May 2024	Field_D	10
DU03	WSP2024h_TP25	QA04A	14 May 2024	Interlab_D	-
DU03	WSP2024h_TP25	TP25_0.2	14 May 2024	Normal	12
DU03	WSP2024h_TP25	TP25_1.0	14 May 2024	Normal	10
DU03	WSP2024h_TP25	TP25_2.0	14 May 2024	Normal	14
DU03	WSP2024h_TP26	TP26_0.2	14 May 2024	Normal	9.1
DU03	WSP2024h_TP26	TP26_2.0	14 May 2024	Normal	12
DU03	WSP2024h_TP27	TP27_0.2	14 May 2024	Normal	11

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					hemical eters
					Moisture Content (dried @ 103°C)
					%
EQL					1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**	
DU03	**WSP2024h_TP27**	**TP27_1.0**	**14 May 2024**	**Normal**	8.3
DU03	**WSP2024h_TP28**	**TP28_0.2**	**14 May 2024**	**Normal**	9.5
DU03	**WSP2024h_TP28**	**TP28_1.5**	**14 May 2024**	**Normal**	12
DU03	**WSP2024h_TP29**	**TP29_0.2**	**14 May 2024**	**Normal**	9.9
DU03	**WSP2024h_TP29**	**TP29_2.0**	**14 May 2024**	**Normal**	12
DU03	**WSP2024h_TP30**	**TP30_0.2**	**14 May 2024**	**Normal**	9.7
DU03	**WSP2024h_TP30**	**TP30_1.0**	**14 May 2024**	**Normal**	12
DU03	**WSP2024h_TP31**	**TP31_0.2**	**14 May 2024**	**Normal**	11
DU03	**WSP2024h_TP31**	**TP31_1.0**	**14 May 2024**	**Normal**	11
DU03	**WSP2024h_TP32**	**QA06**	**14 May 2024**	**Field_D**	8.3
DU03	**WSP2024h_TP32**	**QA06A**	**14 May 2024**	**Interlab_D**	-
DU03	**WSP2024h_TP32**	**TP32_0.2**	**14 May 2024**	**Normal**	11
DU03	**WSP2024h_TP32**	**TP32_1.5**	**14 May 2024**	**Normal**	16
DU03	**WSP2024h_TP33**	**TP33_0.1**	**13 May 2024**	**Normal**	8.7
DU03	**WSP2024h_TP33**	**TP33_1.5**	**13 May 2024**	**Normal**	9.9
DU03	**WSP2024h_TP34**	**TP34_0.1**	**13 May 2024**	**Normal**	9.5
DU03	**WSP2024h_TP34**	**TP34_1.0**	**13 May 2024**	**Normal**	13
DU03	**WSP2024h_TP35**	**TP35_0.1**	**13 May 2024**	**Normal**	7.9
DU03	**WSP2024h_TP35**	**TP35_2.0**	**13 May 2024**	**Normal**	13
DU03	**WSP2024h_TP36**	**TP36_0.1**	**13 May 2024**	**Normal**	9.6
DU03	**WSP2024h_TP36**	**TP36_1.0**	**13 May 2024**	**Normal**	11
DU03	**WSP2024h_TP37**	**TP37_0.1**	**13 May 2024**	**Normal**	12
DU03	**WSP2024h_TP37**	**TP37_1.0**	**13 May 2024**	**Normal**	15
DU03	**WSP2024h_TP38**	**TP38_0.1**	**13 May 2024**	**Normal**	13
DU03	**WSP2024h_TP38**	**TP38_1.0**	**13 May 2024**	**Normal**	13
DU03	**WSP2024h_TP39**	**TP39_0.1**	**13 May 2024**	**Normal**	9.6
DU03	**WSP2024h_TP39**	**TP39_1.0**	**13 May 2024**	**Normal**	12
DU17	**WSP2023i_BH13**	**BH13_1.2**	**25 Aug 2023**	**Normal**	-
DU17	**WSP2023i_BH14**	**BH14_0.5**	**25 Aug 2023**	**Normal**	-
DU17	**WSP2023i_CTP16**	**CTP16_0.5**	**25 Aug 2023**	**Normal**	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU03 - 1d: Soil Analytical Results – Direct Contact and Management Screening

	Chemical Parameters
	Moisture Content (dried @ 103°C)
	%
EQL	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)	

Monitoring Zone	Location Code	Field ID	Date	Sample Type	
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					

DU03 - 1e: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03A	Interlab_D	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04A	Interlab_D	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	0.0005	<0.0002	<0.0002	<0.001
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU03 - 1e: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06A	Interlab_D	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001
DU03	WSP2024h_TP32	14 May 2024	TP32_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP32	14 May 2024	TP32_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU17	WSP2023i_BH13	25 Aug 2023	BH13_1.2	Normal	-	-	-	-	-	-	-	-	-
DU17	WSP2023i_BH14	25 Aug 2023	BH14_0.5	Normal	-	-	-	-	-	-	-	-	-
DU17	WSP2023i_CTP16	25 Aug 2023	CTP16_0.5	Normal	-	-	-	-	-	-	-	-	-

DU03 - 1e: Soil Analytical Results – PFAS Screening

Monitoring Zone	Location Code	Date	Field ID	Sample Type	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]			

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU03 - 1e: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substa								
					Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								50					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03A	Interlab_D	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04A	Interlab_D	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU03 - 1e: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substa								
					Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								50					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06A	Interlab_D	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
DU03	WSP2024h_TP32	14 May 2024	TP32_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP32	14 May 2024	TP32_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU17	WSP2023i_BH13	25 Aug 2023	BH13_1.2	Normal	-	-	-	<0.005	-	-	-	-	-
DU17	WSP2023i_BH14	25 Aug 2023	BH14_0.5	Normal	-	-	-	<0.005	-	-	-	-	-
DU17	WSP2023i_CTP16	25 Aug 2023	CTP16_0.5	Normal	-	-	-	<0.005	-	-	-	-	-

DU03 - 1e: Soil Analytical Results – PFAS Screening

										Per- and Poly-fluoroalkyl Substa
										Perfluoropentanoic acid (PFPeA)
										Perfluorohexanoic acid (PFHxA)
										Perfluoroheptanoic acid (PFHpA)
										Perfluorooctanoic acid (PFOA)
										Perfluorononanoic acid (PFNA)
										Perfluorodecanoic acid (PFDA)
										Perfluoroundecanoic acid (PFUnDA)
										Perfluorododecanoic acid (PFDoDA)
										Perfluorotridecanoic acid (PFTrDA)
										mg/kg
EQL										0.0002
PFAS NEMP 2025 HIL D Industrial/commercial										50
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**						

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU03 - 1e: Soil Analytical Results – PFAS Screening

					nces								
					Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03A	Interlab_D	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04A	Interlab_D	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005

DU03 - 1e: Soil Analytical Results – PFAS Screening

					nces								
					Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06A	Interlab_D	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005
DU03	WSP2024h_TP32	14 May 2024	TP32_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP32	14 May 2024	TP32_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU17	WSP2023i_BH13	25 Aug 2023	BH13_1.2	Normal	-	-	-	-	-	-	-	-	-
DU17	WSP2023i_BH14	25 Aug 2023	BH14_0.5	Normal	-	-	-	-	-	-	-	-	-
DU17	WSP2023i_CTP16	25 Aug 2023	CTP16_0.5	Normal	-	-	-	-	-	-	-	-	-

DU03 - 1e: Soil Analytical Results – PFAS Screening

	nces								
	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial									

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU03 - 1e: Soil Analytical Results – PFAS Screening

					6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial								20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03	Field_D	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP19	15 May 2024	QA03A	Interlab_D	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	-
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04	Field_D	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	QA04A	Interlab_D	<0.0005	<0.0005	<0.0005	0.0005	0.0005	0.0005	-
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005

DU03 - 1e: Soil Analytical Results – PFAS Screening

					6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial								20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06	Field_D	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP32	14 May 2024	QA06A	Interlab_D	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	-
DU03	WSP2024h_TP32	14 May 2024	TP32_0.2	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP32	14 May 2024	TP32_1.5	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_0.1	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP33	13 May 2024	TP33_1.5	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_0.1	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP34	13 May 2024	TP34_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_0.1	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP35	13 May 2024	TP35_2.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_0.1	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP36	13 May 2024	TP36_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_0.1	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP37	13 May 2024	TP37_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_0.1	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP38	13 May 2024	TP38_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_0.1	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU03	WSP2024h_TP39	13 May 2024	TP39_1.0	Normal	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU17	WSP2023i_BH13	25 Aug 2023	BH13_1.2	Normal	-	-	-	<0.005	-	-	-
DU17	WSP2023i_BH14	25 Aug 2023	BH14_0.5	Normal	-	-	-	<0.005	-	-	-
DU17	WSP2023i_CTP16	25 Aug 2023	CTP16_0.5	Normal	-	-	-	<0.005	-	-	-

DU03 - 1e: Soil Analytical Results – PFAS Screening

	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial				20			

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU03 - 1f Soil Analytical Results – Asbestos Screening

					Asbestos Detected	Friable Asbestos (FA & AF)	Asbestos fibres	Organic Fibres - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos from FA & AF in Soil	Asbestos Reported Result
					Comment	% (w/w)	g/kg	Comment	g	%w/w	%w/w	Comment
EQL							0.01					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001[#1]	0.01			0.05	0.001[#1]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU03	WSP2019_BH01CM	12 Nov 2018	BH01_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH02CM	12 Nov 2018	BH02_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH03CM	12 Nov 2018	BH03_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH04CM	12 Nov 2018	BH04_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH05CM	13 Nov 2018	BH05_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.0_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH07CM	13 Nov 2018	BH07_1.0_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH08CM	13 Nov 2018	BH08_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH09CM	14 Nov 2018	BH09_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH10CM	14 Nov 2018	BH10_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH12CM	14 Nov 2018	BH12_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH13CM	15 Nov 2018	BH13_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH15CM	15 Nov 2018	BH15_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-
DU03	WSP2019_CMW18	30 May 2019	CMW18	Normal	-	-	-	-	154	0	0	No
DU03	WSP2019_CMW19	30 May 2019	CMW19	Normal	-	-	-	-	112	0	0	No
DU03	WSP2019_CMW20	30 May 2019	CMW20	Normal	-	-	-	-	265	0	0	No
DU03	WSP2019_CMW21	30 May 2019	CMW21	Normal	-	-	-	-	122	0	0	No
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	-	0.000496278	-	Organic fibres detected	766	0.028942144	-	CM and AF detecte
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	-	0.0000713861	-	Organic fibres detected	841	0	-	AF detected
DU03	WSP2024h_TP15	15 May 2024	TP15_0.5	Normal	-	0	-	Organic fibres detected	745	0	-	Not detected
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	-	0	-	Organic fibres detected	875	0	-	Not detected
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	-	0	-	Organic fibres detected	817	0	-	Not detected
DU03	WSP2024h_TP17	15 May 2024	TP17_0.5	Normal	-	0	-	Organic fibres detected	876	0	-	Not detected
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	-	0	-	Organic fibres detected	764	0	-	Not detected
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP19	15 May 2024	QA03	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP19	15 May 2024	QA03A	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	-	0	-	Organic fibres detected	829	0	-	Not detected
DU03	WSP2024h_TP19	15 May 2024	TP19_1.0	Normal	-	0	-	Organic fibres detected	731	0	-	Not detected
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	-	0	-	Organic fibres detected	742	0	-	Not detected
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	-	0	-	Organic fibres detected	730	0	-	Not detected
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	-	0	-	Organic fibres detected	851	0	-	Not detected
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	-	0	-	Organic fibres detected	721	0	-	Not detected
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	-	0	-	Organic fibres detected	781	0	-	Not detected
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	-	0.000791687	-	Organic fibres detected	808	0	-	AF detected
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	-	0	-	Organic fibres detected	753	0	-	Not detected
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP25	14 May 2024	QA04	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP25	14 May 2024	QA04A	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	-	0	-	Organic fibres detected	805	0	-	Not detected
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	-	0	-	Organic fibres detected	871	0	-	Not detected
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	-	0	-	Organic fibres detected	862	0	-	Not detected
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	-	0	-	Organic fibres detected	845	0	-	Not detected
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	-	0	-	Organic fibres detected	822	0	-	Not detected
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	-	0	-	Organic fibres detected	797	0	-	Not detected
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	-	0	-	Organic fibres detected	919	0	-	Not detected
DU03	WSP2024h_TP29	14 May 2024	TP29_0.7	Normal	-	0	-	Organic fibres detected	896	0	-	Not detected
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	-	0	-	Organic fibres detected	899	0	-	Not detected
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	-	0	-	Organic fibres detected	922	0	-	Not detected
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	-	0	-	Organic fibres detected	847	0	-	Not detected
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP32	14 May 2024	QA06	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP32	14 May 2024	QA06A	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP32	14 May 2024	TP32_0.2	Normal	-	0	-	Organic fibres detected	833	0	-	Not detected
DU03	WSP2024h_TP32	14 May 2024	TP32_1.0	Normal	-	0	-	Organic fibres detected	925	0	-	Not detected
DU03	WSP2024h_TP32	14 May 2024	TP32_1.5	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP33	13 May 2024	TP33_0.1	Normal	-	0	-	Organic fibres detected	869	0	-	Not detected
DU03	WSP2024h_TP33	13 May 2024	TP33_1.5	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP34	13 May 2024	TP34_0.1	Normal	-	0	-	Organic fibres detected	823	0	-	Not detected
DU03	WSP2024h_TP34	13 May 2024	TP34_1.0	Normal	-	0	-	Organic fibres detected	894	0	-	Not detected
DU03	WSP2024h_TP35	13 May 2024	TP35_0.1	Normal	-	0	-	Organic fibres detected	790	0	-	Not detected
DU03	WSP2024h_TP35	13 May 2024	TP35_2.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP36	13 May 2024	TP36_0.1	Normal	-	0	-	Organic fibres detected	651	0	-	Not detected
DU03	WSP2024h_TP36	13 May 2024	TP36_1.0	Normal	-	0	-	Organic fibres detected	659	0	-	Not detected
DU03	WSP2024h_TP37	13 May 2024	TP37_0.1	Normal	-	0	-	Organic fibres detected	794	0	-	Not detected
DU03	WSP2024h_TP37	13 May 2024	TP37_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP38	13 May 2024	TP38_0.1	Normal	-	0	-	Organic fibres detected	723	0	-	Not detected
DU03	WSP2024h_TP38	13 May 2024	TP38_1.0	Normal	-	-	-	Organic fibres detected	-	-	-	Not detected
DU03	WSP2024h_TP39	13 May 2024	TP39_0.1	Normal	-	0	-	Organic fibres detected	758	0	-	Not detected
DU03	WSP2024h_TP39	13 May 2024	TP39_1.0	Normal	-	0	-	Organic fibres detected	855	0	-	Not detected
DU17	WSP2023i_BH13	25 Aug 2023	BH13_1.2	Normal	1	-	-	-	-	-	-	-
DU17	WSP2023i_BH14	25 Aug 2023	BH14_0.5	Normal	1	-	-	-	-	-	-	-
DU17	WSP2023i_CTP16	25 Aug 2023	CTP16_0.5	Normal	1	-	-	-	-	-	-	-

DU03 - 1f Soil Analytical Results – Asbestos Screening

	Asbestos Detected	Friable Asbestos (FA & AF)	Asbestos fibres	Organic Fibres - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos from FA & AF in Soil	Asbestos Reported Result
	Comment	% (w/w)	g/kg	Comment	g	%w/w	%w/w	Comment
EQL			0.01					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial		0.001[#1]	0.01			0.05	0.001[#1]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 - Adopted the guideline value for FA and AF (separately)

DU03 - 1f Soil Analytical Results – Asbestos Screening

					ACM - Comment	FA- Comment	AF - Comment	Synthetic Fibres - Comment	Mass ACM	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF
					Comment	Comment	Comment	Comment	g	g	g	g
EQL												
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial												
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU03	WSP2019_BH01CM	12 Nov 2018	BH01_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH02CM	12 Nov 2018	BH02_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH03CM	12 Nov 2018	BH03_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH04CM	12 Nov 2018	BH04_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH05CM	13 Nov 2018	BH05_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.0_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH07CM	13 Nov 2018	BH07_1.0_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH08CM	13 Nov 2018	BH08_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH09CM	14 Nov 2018	BH09_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH10CM	14 Nov 2018	BH10_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH12CM	14 Nov 2018	BH12_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH13CM	15 Nov 2018	BH13_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH15CM	15 Nov 2018	BH15_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	-	-	-	-	-	-	-	-
DU03	WSP2019_CMW18	30 May 2019	CMW18	Normal	No	-	-	-	-	0	-	0
DU03	WSP2019_CMW19	30 May 2019	CMW19	Normal	No	-	-	-	-	0	-	0
DU03	WSP2019_CMW20	30 May 2019	CMW20	Normal	No	-	-	-	-	0	-	0
DU03	WSP2019_CMW21	30 May 2019	CMW21	Normal	No	-	-	-	-	0	-	0
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	asbestos detected	Not detected	olite asbestos det	Not detected	2.2161	0.0038	0.0038	0.0038
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	-	Not detected	-	Not detected	-	-	-	-
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	Not detected	Not detected	bestos detected ir	Not detected	0	0.0006	0.0006	0.0006
DU03	WSP2024h_TP15	15 May 2024	TP15_0.5	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP17	15 May 2024	TP17_0.5	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP19	15 May 2024	QA03	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP19	15 May 2024	QA03A	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP19	15 May 2024	TP19_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	Not detected	Not detected	Not detected	tic mineral fibre d	0	0	0	0
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	Not detected	Not detected	bestos detected ir	Not detected	0	0.0064	0.0064	0.0064
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	QA04	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	QA04A	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	Not detected	Not detected	Not detected	tic mineral fibre d	0	0	0	0
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP29	14 May 2024	TP29_0.7	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP32	14 May 2024	QA06	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP32	14 May 2024	QA06A	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP32	14 May 2024	TP32_0.2	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP32	14 May 2024	TP32_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP32	14 May 2024	TP32_1.5	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP33	13 May 2024	TP33_0.1	Normal	Not detected	Not detected	Not detected	tic mineral fibre d	0	0	0	0
DU03	WSP2024h_TP33	13 May 2024	TP33_1.5	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP34	13 May 2024	TP34_0.1	Normal	Not detected	Not detected	Not detected	tic mineral fibre d	0	0	0	0
DU03	WSP2024h_TP34	13 May 2024	TP34_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP35	13 May 2024	TP35_0.1	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP35	13 May 2024	TP35_2.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP36	13 May 2024	TP36_0.1	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP36	13 May 2024	TP36_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP37	13 May 2024	TP37_0.1	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP37	13 May 2024	TP37_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP38	13 May 2024	TP38_0.1	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP38	13 May 2024	TP38_1.0	Normal	Not detected	Not detected	Not detected	Not detected	-	-	-	-
DU03	WSP2024h_TP39	13 May 2024	TP39_0.1	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU03	WSP2024h_TP39	13 May 2024	TP39_1.0	Normal	Not detected	Not detected	Not detected	Not detected	0	0	0	0
DU17	WSP2023i_BH13	25 Aug 2023	BH13_1.2	Normal	-	-	-	-	-	-	-	-
DU17	WSP2023i_BH14	25 Aug 2023	BH14_0.5	Normal	-	-	-	-	-	-	-	-
DU17	WSP2023i_CTP16	25 Aug 2023	CTP16_0.5	Normal	-	-	-	-	-	-	-	-

DU03 - 1f Soil Analytical Results – Asbestos Screening

	ACM - Comment	FA- Comment	AF - Comment	Synthetic Fibres - Comment	Mass ACM	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF
	Comment	Comment	Comment	Comment	g	g	g	g
EQL								
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 - Adopted the guideline value for FA and AF (separately)

DU03 - 1f Soil Analytical Results – Asbestos Screening

					Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					g	g	g
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**			
DU03	WSP2019_BH01CM	12 Nov 2018	BH01_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH02CM	12 Nov 2018	BH02_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH03CM	12 Nov 2018	BH03_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH04CM	12 Nov 2018	BH04_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH05CM	13 Nov 2018	BH05_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH06CM	13 Nov 2018	BH06_1.0_CM	Normal	-	-	-
DU03	WSP2019_BH07CM	13 Nov 2018	BH07_1.0_CM	Normal	-	-	-
DU03	WSP2019_BH08CM	13 Nov 2018	BH08_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH09CM	14 Nov 2018	BH09_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH10CM	14 Nov 2018	BH10_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH12CM	14 Nov 2018	BH12_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH13CM	15 Nov 2018	BH13_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH14CM	15 Nov 2018	BH14_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH15CM	15 Nov 2018	BH15_0.5_CM	Normal	-	-	-
DU03	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	-	-	-
DU03	WSP2019_CMW18	30 May 2019	CMW18	Normal	-	-	-
DU03	WSP2019_CMW19	30 May 2019	CMW19	Normal	-	-	-
DU03	WSP2019_CMW20	30 May 2019	CMW20	Normal	-	-	-
DU03	WSP2019_CMW21	30 May 2019	CMW21	Normal	-	-	-
DU03	WSP2024h_TP14	15 May 2024	TP14_0.2	Normal	0.22161	0	0
DU03	WSP2024h_TP14	15 May 2024	TP14_1.0	Normal	-	-	-
DU03	WSP2024h_TP15	15 May 2024	TP15_0.2	Normal	0	0	0
DU03	WSP2024h_TP15	15 May 2024	TP15_0.5	Normal	0	0	0
DU03	WSP2024h_TP15	15 May 2024	TP15_1.5	Normal	-	-	-
DU03	WSP2024h_TP16	15 May 2024	TP16_0.2	Normal	0	0	0
DU03	WSP2024h_TP16	15 May 2024	TP16_1.0	Normal	-	-	-
DU03	WSP2024h_TP17	15 May 2024	TP17_0.2	Normal	0	0	0
DU03	WSP2024h_TP17	15 May 2024	TP17_0.5	Normal	0	0	0
DU03	WSP2024h_TP17	15 May 2024	TP17_1.0	Normal	-	-	-
DU03	WSP2024h_TP18	15 May 2024	TP18_0.2	Normal	0	0	0
DU03	WSP2024h_TP18	15 May 2024	TP18_1.0	Normal	-	-	-
DU03	WSP2024h_TP19	15 May 2024	QA03	Normal	-	-	-
DU03	WSP2024h_TP19	15 May 2024	QA03A	Normal	-	-	-
DU03	WSP2024h_TP19	15 May 2024	TP19_0.2	Normal	0	0	0
DU03	WSP2024h_TP19	15 May 2024	TP19_1.0	Normal	0	0	0
DU03	WSP2024h_TP19	15 May 2024	TP19_1.5	Normal	-	-	-
DU03	WSP2024h_TP20	14 May 2024	TP20_0.2	Normal	0	0	0
DU03	WSP2024h_TP20	14 May 2024	TP20_1.0	Normal	0	0	0
DU03	WSP2024h_TP21	14 May 2024	TP21_0.2	Normal	0	0	0
DU03	WSP2024h_TP21	14 May 2024	TP21_1.0	Normal	-	-	-
DU03	WSP2024h_TP22	14 May 2024	TP22_0.2	Normal	0	0	0
DU03	WSP2024h_TP22	14 May 2024	TP22_1.0	Normal	-	-	-
DU03	WSP2024h_TP23	14 May 2024	TP23_0.2	Normal	0	0	0
DU03	WSP2024h_TP23	14 May 2024	TP23_1.0	Normal	0	0	0
DU03	WSP2024h_TP24	14 May 2024	TP24_0.2	Normal	0	0	0
DU03	WSP2024h_TP24	14 May 2024	TP24_1.5	Normal	-	-	-
DU03	WSP2024h_TP25	14 May 2024	QA04	Normal	-	-	-
DU03	WSP2024h_TP25	14 May 2024	QA04A	Normal	-	-	-
DU03	WSP2024h_TP25	14 May 2024	TP25_0.2	Normal	0	0	0
DU03	WSP2024h_TP25	14 May 2024	TP25_1.0	Normal	0	0	0
DU03	WSP2024h_TP25	14 May 2024	TP25_2.0	Normal	-	-	-
DU03	WSP2024h_TP26	14 May 2024	TP26_0.2	Normal	0	0	0
DU03	WSP2024h_TP26	14 May 2024	TP26_2.0	Normal	-	-	-
DU03	WSP2024h_TP27	14 May 2024	TP27_0.2	Normal	0	0	0
DU03	WSP2024h_TP27	14 May 2024	TP27_1.0	Normal	0	0	0
DU03	WSP2024h_TP28	14 May 2024	TP28_0.2	Normal	0	0	0
DU03	WSP2024h_TP28	14 May 2024	TP28_1.5	Normal	-	-	-
DU03	WSP2024h_TP29	14 May 2024	TP29_0.2	Normal	0	0	0
DU03	WSP2024h_TP29	14 May 2024	TP29_0.7	Normal	0	0	0
DU03	WSP2024h_TP29	14 May 2024	TP29_2.0	Normal	-	-	-
DU03	WSP2024h_TP30	14 May 2024	TP30_0.2	Normal	0	0	0
DU03	WSP2024h_TP30	14 May 2024	TP30_1.0	Normal	0	0	0
DU03	WSP2024h_TP31	14 May 2024	TP31_0.2	Normal	0	0	0
DU03	WSP2024h_TP31	14 May 2024	TP31_1.0	Normal	-	-	-
DU03	WSP2024h_TP32	14 May 2024	QA06	Normal	-	-	-
DU03	WSP2024h_TP32	14 May 2024	QA06A	Normal	-	-	-
DU03	WSP2024h_TP32	14 May 2024	TP32_0.2	Normal	0	0	0
DU03	WSP2024h_TP32	14 May 2024	TP32_1.0	Normal	0	0	0
DU03	WSP2024h_TP32	14 May 2024	TP32_1.5	Normal	-	-	-
DU03	WSP2024h_TP33	13 May 2024	TP33_0.1	Normal	0	0	0
DU03	WSP2024h_TP33	13 May 2024	TP33_1.5	Normal	-	-	-
DU03	WSP2024h_TP34	13 May 2024	TP34_0.1	Normal	0	0	0
DU03	WSP2024h_TP34	13 May 2024	TP34_1.0	Normal	0	0	0
DU03	WSP2024h_TP35	13 May 2024	TP35_0.1	Normal	0	0	0
DU03	WSP2024h_TP35	13 May 2024	TP35_2.0	Normal	-	-	-
DU03	WSP2024h_TP36	13 May 2024	TP36_0.1	Normal	0	0	0
DU03	WSP2024h_TP36	13 May 2024	TP36_1.0	Normal	0	0	0
DU03	WSP2024h_TP37	13 May 2024	TP37_0.1	Normal	0	0	0
DU03	WSP2024h_TP37	13 May 2024	TP37_1.0	Normal	-	-	-
DU03	WSP2024h_TP38	13 May 2024	TP38_0.1	Normal	0	0	0
DU03	WSP2024h_TP38	13 May 2024	TP38_1.0	Normal	-	-	-
DU03	WSP2024h_TP39	13 May 2024	TP39_0.1	Normal	0	0	0
DU03	WSP2024h_TP39	13 May 2024	TP39_1.0	Normal	0	0	0
DU17	WSP2023i_BH13	25 Aug 2023	BH13_1.2	Normal	-	-	-
DU17	WSP2023i_BH14	25 Aug 2023	BH14_0.5	Normal	-	-	-
DU17	WSP2023i_CTP16	25 Aug 2023	CTP16_0.5	Normal	-	-	-

DU03 - 1f Soil Analytical Results – Asbestos Screening

	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
	g	g	g
EQL			
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial			

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 - Adopted the guideline value for FA and AF (separately)

DU04 - 1a: Historical Exceedances

Legend

- Culvert
- Stormwater pit
- Stormwater service
- DU boundary
- Terminal boundary
- sub-station
- groundwater monitoring well

Investigations

- WSP, 2019
- WSP, 2021h
- WSP, 2024h
- WSP, 2025d
- AC exceedances / ASB detections

Aerial date: Jan 2010
Aerial source: Nearmaps

DU04 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		260[#1]	NL [#2]										
>=1m, <2m		370	NL										
>=2m, <4m		630	NL										
>=4m		NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**	**NL**										
>=2m, <4m		**NL**	**NL**										
>=4m		**NL**	**NL**										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)													

Monitoring Zone	Location Code	Date	Field ID	Sample Type													
DU04	WSP2019_BH15CM	15 Nov 2018	BH15_1.0_CM	Normal	<20	<20	110	110	1,300	260	1,670	-	-	-	-	-	-
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	<20	<20	<50	<50	110	<100	110	-	-	-	-	-	2
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_1.0_CM	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B1	31 May 2021	RBV_B1	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B2	31 May 2021	RBV_B2	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B3	31 May 2021	RBV_B3	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B4	31 May 2021	RBV_B4	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B5	31 May 2021	RBV_B5	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B6	31 May 2021	RBV_B6	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B7	31 May 2021	RBV_B7	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_B8	31 May 2021	RBV_B8	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_W1	31 May 2021	RBV_W1	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_W2	31 May 2021	RBV_W2	Normal	<20	<20	<50	<50	500	250	750	-	-	-	-	-	-
DU04	WSP2021h_RBV_W3	31 May 2021	RBV_W3	Normal	<20	<20	<50	<50	770	240	1,010	-	-	-	-	-	-
DU04	WSP2021h_RBV_W4	31 May 2021	RBV_W4	Normal	<20	<20	<50	<50	1,900	500	2,400	-	-	-	-	-	-
DU04	WSP2021h_RBV_W5	31 May 2021	RBV_W5	Normal	<20	<20	<50	<50	930	290	1,220	-	-	-	-	-	-
DU04	WSP2021h_RBV_W6	31 May 2021	RBV_W6	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_W7	31 May 2021	RBV_W7	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_W8	31 May 2021	RBV_W8	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_W9	31 May 2021	RBV_W9	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_RBV_W10	31 May 2021	RBV_W10	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	<20	<20	<50	<50	590	100	690	-	-	-	-	-	2.1
DU04	WSP2021h_SP5	21 May 2021	SP5.2	Normal	<20	<20	<50	<50	480	<100	480	-	-	-	-	-	2.6
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	<20	<20	<50	<50	490	<100	490	-	-	-	-	-	<2
DU04	WSP2021h_SP5	21 May 2021	SP5.7	Normal	<20	<20	<50	<50	440	<100	440	-	-	-	-	-	<2
DU04	WSP2021h_SP5	21 May 2021	SP5.8	Normal	<20	<20	<50	<50	440	120	560	-	-	-	-	-	2
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	<20	<20	<50	<50	390	<100	390	-	-	-	-	-	2.4
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	<20	<20	<50	<50	310	430	740	<20	<20	120	290	410	-
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	<20	<20	<50	<50	360	200	560	<20	<20	250	180	430	-

DU04 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		260[#1]	NL [#2]										
>=1m, <2m		370	NL										
>=2m, <4m		630	NL										
>=4m		NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**	**NL**										
>=2m, <4m		**NL**	**NL**										
>=4m		**NL**	**NL**										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)													

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_0.2**	**Normal**	<20	<20	<50	<50	210	270	480	<20	<20	100	180	280	-
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.2**	**Normal**	<20	<20	<50	<50	120	<100	120	<20	<20	71	63	134	-
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.5**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	83	100	183	-
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_0.2**	**Normal**	<20	<20	<50	<50	170	<100	170	<20	<20	90	100	190	-
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**QA02**	**Field_D**	<20	<20	<50	<50	110	<100	110	<20	<20	57	85	142	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU04 - 1b: Soil Analytical Results – Human Health Screening

	Metals							Monocyclic Aromatic Hydrocarbons				
	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m								3	NL [#2]	NL [#2]		
>=1m, <2m								3	NL	NL		
>=2m, <4m								3	NL	NL		
>=4m								3	NL	NL		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m								**77**	**NL**	**NL**		
>=2m, <4m								**160**	**NL**	**NL**		
>=4m								**NL**	**NL**	**NL**		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								5.1[#9]	47,000[#9]	25[#9]		2,800[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU04	**WSP2019_BH15CM**	**15 Nov 2018**	**BH15_1.0_CM**	**Normal**	-	-	-	-	-	-	-	<100	<100	<100	<200	<100
DU04	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_0.5_CM**	**Normal**	0	<5	11	6	<0.1	<5	27	<100	<100	<100	<200	<100
DU04	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_1.0_CM**	**Normal**	-	-	-	-	-	-	-	<100	<100	<100	<200	<100
DU04	**WSP2021h_RBV_B1**	**31 May 2021**	**RBV_B1**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_B2**	**31 May 2021**	**RBV_B2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_B3**	**31 May 2021**	**RBV_B3**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_B4**	**31 May 2021**	**RBV_B4**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_B5**	**31 May 2021**	**RBV_B5**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_B6**	**31 May 2021**	**RBV_B6**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_B7**	**31 May 2021**	**RBV_B7**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_B8**	**31 May 2021**	**RBV_B8**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W1**	**31 May 2021**	**RBV_W1**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W2**	**31 May 2021**	**RBV_W2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W3**	**31 May 2021**	**RBV_W3**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W4**	**31 May 2021**	**RBV_W4**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W5**	**31 May 2021**	**RBV_W5**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W6**	**31 May 2021**	**RBV_W6**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W7**	**31 May 2021**	**RBV_W7**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W8**	**31 May 2021**	**RBV_W8**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W9**	**31 May 2021**	**RBV_W9**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_RBV_W10**	**31 May 2021**	**RBV_W10**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.1**	**Normal**	<0.4	<5	5.9	<5	<0.1	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.2**	**Normal**	<0.4	<5	7.6	<5	<0.1	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.5**	**Normal**	<0.4	<5	7.5	<5	<0.1	<5	14	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.7**	**Normal**	<0.4	<5	5.4	<5	<0.1	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.8**	**Normal**	<0.4	<5	13	<5	<0.1	5.3	26	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.10**	**Normal**	<0.4	<5	11	<5	<0.1	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP01**	**16 May 2024**	**TP01_0.2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP01**	**16 May 2024**	**TP01_1.5**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1

DU04 - 1b: Soil Analytical Results – Human Health Screening

	Metals							Monocyclic Aromatic Hydrocarbons				
	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m								3	NL [#2]	NL [#2]		
>=1m, <2m								3	NL	NL		
>=2m, <4m								3	NL	NL		
>=4m								3	NL	NL		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m								**77**	**NL**	**NL**		
>=2m, <4m								**160**	**NL**	**NL**		
>=4m								**NL**	**NL**	**NL**		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								5.1[#9]	47,000[#9]	25[#9]		2,800[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_0.2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.5**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_0.2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_0.2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_1.0**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP11**	**15 May 2024**	**QA02**	**Field_D**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_0.2**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_1.0**	**Normal**	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific l
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pre
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. F
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU04 - 1b: Soil Analytical Results – Human Health Screening

														Polynuclear Aromatic Hydro
	Total Xylenes	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m	230				NL [#2]					NL		
>=1m, <2m	NL [#2]				NL					NL		
>=2m, <4m	NL				NL					NL		
>=4m	NL				NL					NL		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		40[#7]	40[#7]	40[#7]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m	**NL**											
>=2m, <4m	**NL**											
>=4m	**NL**									**NL**		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,500[#9]				8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU04	**WSP2019_BH15CM**	**15 Nov 2018**	**BH15_1.0_CM**	**Normal**	<300	<0.5	-	-	<0.5	-	-	-	-	-	<0.5	-
DU04	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_0.5_CM**	**Normal**	<300	<0.5	-	-	<0.5	-	-	-	-	-	<0.5	-
DU04	**WSP2019_BH16CM**	**15 Nov 2018**	**BH16_1.0_CM**	**Normal**	<300	<0.5	-	-	<0.5	-	-	-	-	-	<0.5	-
DU04	**WSP2021h_RBV_B1**	**31 May 2021**	**RBV_B1**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B2**	**31 May 2021**	**RBV_B2**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B3**	**31 May 2021**	**RBV_B3**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B4**	**31 May 2021**	**RBV_B4**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B5**	**31 May 2021**	**RBV_B5**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B6**	**31 May 2021**	**RBV_B6**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B7**	**31 May 2021**	**RBV_B7**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B8**	**31 May 2021**	**RBV_B8**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W1**	**31 May 2021**	**RBV_W1**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W2**	**31 May 2021**	**RBV_W2**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W3**	**31 May 2021**	**RBV_W3**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W4**	**31 May 2021**	**RBV_W4**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W5**	**31 May 2021**	**RBV_W5**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W6**	**31 May 2021**	**RBV_W6**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W7**	**31 May 2021**	**RBV_W7**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W8**	**31 May 2021**	**RBV_W8**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W9**	**31 May 2021**	**RBV_W9**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W10**	**31 May 2021**	**RBV_W10**	**Normal**	<0.3	-	-	-	<0.5	-	-	-	-	-	-	-
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.1**	**Normal**	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.2**	**Normal**	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.5**	**Normal**	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.7**	**Normal**	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.8**	**Normal**	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**21 May 2021**	**SP5.10**	**Normal**	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2024h_TP01**	**16 May 2024**	**TP01_0.2**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP01**	**16 May 2024**	**TP01_1.5**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-

DU04 - 1b: Soil Analytical Results – Human Health Screening

													Polynuclear Aromatic Hydro	
	Total Xylenes	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m	230				NL [#2]					NL		
>=1m, <2m	NL [#2]				NL					NL		
>=2m, <4m	NL				NL					NL		
>=4m	NL				NL					NL		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		40[#7]	40[#7]	40[#7]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m	**NL**											
>=2m, <4m	**NL**											
>=4m	**NL**									**NL**		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,500[#9]				8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_0.2**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_1.0**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.2**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.5**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_0.2**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_1.0**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_0.2**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_1.0**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**QA02**	**Field_D**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_0.2**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_1.0**	**Normal**	<0.3	-	-	-	-	-	-	-	-	<0.5	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific l
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pre
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. F
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU04 - 1b: Soil Analytical Results – Human Health Screening

	carbons										Total Recoverable Hydrocarbons - Silica Gel		
	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													
>=1m, <2m													
>=2m, <4m													
>=4m													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													
>=2m, <4m													
>=4m													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]				

Monitoring Zone	Location Code	Date	Field ID	Sample Type													
DU04	WSP2019_BH15CM	15 Nov 2018	BH15_1.0_CM	Normal	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_1.0_CM	Normal	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU04	WSP2021h_RBV_B1	31 May 2021	RBV_B1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B2	31 May 2021	RBV_B2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B3	31 May 2021	RBV_B3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B4	31 May 2021	RBV_B4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B5	31 May 2021	RBV_B5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B6	31 May 2021	RBV_B6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B7	31 May 2021	RBV_B7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B8	31 May 2021	RBV_B8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W1	31 May 2021	RBV_W1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W2	31 May 2021	RBV_W2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W3	31 May 2021	RBV_W3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W4	31 May 2021	RBV_W4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W5	31 May 2021	RBV_W5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W6	31 May 2021	RBV_W6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W7	31 May 2021	RBV_W7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W8	31 May 2021	RBV_W8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W9	31 May 2021	RBV_W9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W10	31 May 2021	RBV_W10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

DU04 - 1b: Soil Analytical Results – Human Health Screening

	carbons										Total Recoverable Hydrocarbons - Silica Gel		
	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													
>=1m, <2m													
>=2m, <4m													
>=4m													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													
>=2m, <4m													
>=4m													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**QA02**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific l
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pre
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. F
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU04 - 1b: Soil Analytical Results – Human Health Screening

	Physio-Chemical Parameters
	Moisture Content (dried @ 103°C)
	%
EQL	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU04	WSP2019_BH15CM	15 Nov 2018	BH15_1.0_CM	Normal	-
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	-
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_1.0_CM	Normal	-
DU04	WSP2021h_RBV_B1	31 May 2021	RBV_B1	Normal	-
DU04	WSP2021h_RBV_B2	31 May 2021	RBV_B2	Normal	-
DU04	WSP2021h_RBV_B3	31 May 2021	RBV_B3	Normal	-
DU04	WSP2021h_RBV_B4	31 May 2021	RBV_B4	Normal	-
DU04	WSP2021h_RBV_B5	31 May 2021	RBV_B5	Normal	-
DU04	WSP2021h_RBV_B6	31 May 2021	RBV_B6	Normal	-
DU04	WSP2021h_RBV_B7	31 May 2021	RBV_B7	Normal	-
DU04	WSP2021h_RBV_B8	31 May 2021	RBV_B8	Normal	-
DU04	WSP2021h_RBV_W1	31 May 2021	RBV_W1	Normal	-
DU04	WSP2021h_RBV_W2	31 May 2021	RBV_W2	Normal	-
DU04	WSP2021h_RBV_W3	31 May 2021	RBV_W3	Normal	-
DU04	WSP2021h_RBV_W4	31 May 2021	RBV_W4	Normal	-
DU04	WSP2021h_RBV_W5	31 May 2021	RBV_W5	Normal	-
DU04	WSP2021h_RBV_W6	31 May 2021	RBV_W6	Normal	-
DU04	WSP2021h_RBV_W7	31 May 2021	RBV_W7	Normal	-
DU04	WSP2021h_RBV_W8	31 May 2021	RBV_W8	Normal	-
DU04	WSP2021h_RBV_W9	31 May 2021	RBV_W9	Normal	-
DU04	WSP2021h_RBV_W10	31 May 2021	RBV_W10	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.2	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.7	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.8	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	12
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	14

DU04 - 1b: Soil Analytical Results – Human Health Screening

	Physio-Chemical Parameters
	Moisture Content (dried @ 103°C)
	%
EQL	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_0.2**	**Normal**	13
DU04	**WSP2024h_TP02**	**16 May 2024**	**TP02_1.0**	**Normal**	14
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.2**	**Normal**	13
DU04	**WSP2024h_TP08**	**15 May 2024**	**TP08_0.5**	**Normal**	21
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_0.2**	**Normal**	14
DU04	**WSP2024h_TP09**	**15 May 2024**	**TP09_1.0**	**Normal**	13
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_0.2**	**Normal**	12
DU04	**WSP2024h_TP10**	**15 May 2024**	**TP10_1.0**	**Normal**	11
DU04	**WSP2024h_TP11**	**15 May 2024**	**QA02**	**Field_D**	9.1
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_0.2**	**Normal**	8.6
DU04	**WSP2024h_TP11**	**15 May 2024**	**TP11_1.0**	**Normal**	16

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific l
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is pre
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. F
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (shou
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU04 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU03	**WSP2019_BH15CM**	**BH15_1.0_CM**	**15 Nov 2018**	**Normal**	<20	<20	110	110	1,300	260	1,670	-	-	-	-	-	-	-	-	-	-
DU03	**WSP2019_BH16CM**	**BH16_0.5_CM**	**15 Nov 2018**	**Normal**	<20	<20	<50	<50	110	<100	110	-	-	-	-	-	2	0	<5	11	6
DU03	**WSP2019_BH16CM**	**BH16_1.0_CM**	**15 Nov 2018**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B1**	**RBV_B1**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B2**	**RBV_B2**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B3**	**RBV_B3**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B4**	**RBV_B4**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B5**	**RBV_B5**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B6**	**RBV_B6**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B7**	**RBV_B7**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B8**	**RBV_B8**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W1**	**RBV_W1**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W2**	**RBV_W2**	**31 May 2021**	**Normal**	<20	<20	<50	<50	500	250	750	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W3**	**RBV_W3**	**31 May 2021**	**Normal**	<20	<20	<50	<50	770	240	1,010	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W4**	**RBV_W4**	**31 May 2021**	**Normal**	<20	<20	<50	<50	1,900	500	2,400	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W5**	**RBV_W5**	**31 May 2021**	**Normal**	<20	<20	<50	<50	930	290	1,220	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W6**	**RBV_W6**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W7**	**RBV_W7**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W8**	**RBV_W8**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W9**	**RBV_W9**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W10**	**RBV_W10**	**31 May 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.1**	**21 May 2021**	**Normal**	<20	<20	<50	<50	590	100	690	-	-	-	-	-	2.1	<0.4	<5	5.9	<5
DU04	**WSP2021h_SP5**	**SP5.2**	**21 May 2021**	**Normal**	<20	<20	<50	<50	480	<100	480	-	-	-	-	-	2.6	<0.4	<5	7.6	<5
DU04	**WSP2021h_SP5**	**SP5.5**	**21 May 2021**	**Normal**	<20	<20	<50	<50	490	<100	490	-	-	-	-	-	<2	<0.4	<5	7.5	<5
DU04	**WSP2021h_SP5**	**SP5.7**	**21 May 2021**	**Normal**	<20	<20	<50	<50	440	<100	440	-	-	-	-	-	<2	<0.4	<5	5.4	<5
DU04	**WSP2021h_SP5**	**SP5.8**	**21 May 2021**	**Normal**	<20	<20	<50	<50	440	120	560	-	-	-	-	-	2	<0.4	<5	13	<5
DU04	**WSP2021h_SP5**	**SP5.10**	**21 May 2021**	**Normal**	<20	<20	<50	<50	390	<100	390	-	-	-	-	-	2.4	<0.4	<5	11	<5
DU04	**WSP2024h_TP01**	**TP01_0.2**	**16 May 2024**	**Normal**	<20	<20	<50	<50	310	430	740	<20	<20	120	290	410	-	-	-	-	-
DU04	**WSP2024h_TP01**	**TP01_1.5**	**16 May 2024**	**Normal**	<20	<20	<50	<50	360	200	560	<20	<20	250	180	430	-	-	-	-	-
DU04	**WSP2024h_TP02**	**TP02_0.2**	**16 May 2024**	**Normal**	<20	<20	<50	<50	210	270	480	<20	<20	100	180	280	-	-	-	-	-
DU04	**WSP2024h_TP02**	**TP02_1.0**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-	-
DU04	**WSP2024h_TP08**	**TP08_0.2**	**15 May 2024**	**Normal**	<20	<20	<50	<50	120	<100	120	<20	<20	71	63	134	-	-	-	-	-
DU04	**WSP2024h_TP08**	**TP08_0.5**	**15 May 2024**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	83	100	183	-	-	-	-	-
DU04	**WSP2024h_TP09**	**TP09_0.2**	**15 May 2024**	**Normal**	<20	<20	<50	<50	170	<100	170	<20	<20	90	100	190	-	-	-	-	-
DU04	**WSP2024h_TP09**	**TP09_1.0**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-	-
DU04	**WSP2024h_TP10**	**TP10_0.2**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-	-
DU04	**WSP2024h_TP10**	**TP10_1.0**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-	-
DU04	**WSP2024h_TP11**	**QA02**	**15 May 2024**	**Field_D**	<20	<20	<50	<50	110	<100	110	<20	<20	57	85	142	-	-	-	-	-
DU04	**WSP2024h_TP11**	**TP11_0.2**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-	-
DU04	**WSP2024h_TP11**	**TP11_1.0**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU04 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals				
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil	700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)	**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)	*82,000*			*62,000*	*85,000*	*120,000*											

Monitoring Zone **Location Code** **Field ID** **Date** **Sample Type**

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU04 - 1c: Soil Analytical Results – Direct Contact and Management Screening

									Monocyclic Aromatic Hydrocarbons											
					Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)								**430**	**99,000**	**27,000**			**81,000**				**11,000**			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)								*1,100*	*120,000*	*85,000*			*130,000*							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU03	**WSP2019_BH15CM**	**BH15_1.0_CM**	**15 Nov 2018**	**Normal**	-	-	-	<100	<100	<100	<200	<100	<300	<0.5	-	-	<0.5	-	-	-	-
DU03	**WSP2019_BH16CM**	**BH16_0.5_CM**	**15 Nov 2018**	**Normal**	<0.1	<5	27	<100	<100	<100	<200	<100	<300	<0.5	-	-	<0.5	-	-	-	-
DU03	**WSP2019_BH16CM**	**BH16_1.0_CM**	**15 Nov 2018**	**Normal**	-	-	-	<100	<100	<100	<200	<100	<300	<0.5	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B1**	**RBV_B1**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B2**	**RBV_B2**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B3**	**RBV_B3**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B4**	**RBV_B4**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B5**	**RBV_B5**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B6**	**RBV_B6**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B7**	**RBV_B7**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B8**	**RBV_B8**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W1**	**RBV_W1**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W2**	**RBV_W2**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W3**	**RBV_W3**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W4**	**RBV_W4**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W5**	**RBV_W5**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W6**	**RBV_W6**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W7**	**RBV_W7**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W8**	**RBV_W8**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W9**	**RBV_W9**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_W10**	**RBV_W10**	**31 May 2021**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.1**	**21 May 2021**	**Normal**	<0.1	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**SP5.2**	**21 May 2021**	**Normal**	<0.1	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**SP5.5**	**21 May 2021**	**Normal**	<0.1	<5	14	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**SP5.7**	**21 May 2021**	**Normal**	<0.1	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**SP5.8**	**21 May 2021**	**Normal**	<0.1	5.3	26	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2021h_SP5**	**SP5.10**	**21 May 2021**	**Normal**	<0.1	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU04	**WSP2024h_TP01**	**TP01_0.2**	**16 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP01**	**TP01_1.5**	**16 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP02**	**TP02_0.2**	**16 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP02**	**TP02_1.0**	**16 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP08**	**TP08_0.2**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP08**	**TP08_0.5**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP09**	**TP09_0.2**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP09**	**TP09_1.0**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP10**	**TP10_0.2**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP10**	**TP10_1.0**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP11**	**QA02**	**15 May 2024**	**Field_D**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP11**	**TP11_0.2**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU04	**WSP2024h_TP11**	**TP11_1.0**	**15 May 2024**	**Normal**	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obt

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU04 - 1c: Soil Analytical Results – Direct Contact and Management Screening

				Monocyclic Aromatic Hydrocarbons														
	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)				**430**	**99,000**	**27,000**			**81,000**				**11,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)				*1,100*	*120,000*	*85,000*			*130,000*								

Monitoring Zone	Location Code	Field ID	Date	Sample Type
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact		(Int. Main. Worker)		

DU04 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons													Total Recoverable Hydrocarbons - Silica Gel			Physio-Chemical Parameters
					Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		*62,000*	*85,000*	*120,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU03	**WSP2019_BH15CM**	**BH15_1.0_CM**	**15 Nov 2018**	**Normal**	-	<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-
DU03	**WSP2019_BH16CM**	**BH16_0.5_CM**	**15 Nov 2018**	**Normal**	-	<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-
DU03	**WSP2019_BH16CM**	**BH16_1.0_CM**	**15 Nov 2018**	**Normal**	-	<0.5	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-
DU04	**WSP2021h_RBV_B1**	**RBV_B1**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B2**	**RBV_B2**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B3**	**RBV_B3**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B4**	**RBV_B4**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B5**	**RBV_B5**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B6**	**RBV_B6**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B7**	**RBV_B7**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_B8**	**RBV_B8**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W1**	**RBV_W1**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W2**	**RBV_W2**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W3**	**RBV_W3**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W4**	**RBV_W4**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W5**	**RBV_W5**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W6**	**RBV_W6**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W7**	**RBV_W7**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W8**	**RBV_W8**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W9**	**RBV_W9**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_RBV_W10**	**RBV_W10**	**31 May 2021**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.1**	**21 May 2021**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.2**	**21 May 2021**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.5**	**21 May 2021**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.7**	**21 May 2021**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.8**	**21 May 2021**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU04	**WSP2021h_SP5**	**SP5.10**	**21 May 2021**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU04	**WSP2024h_TP01**	**TP01_0.2**	**16 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
DU04	**WSP2024h_TP01**	**TP01_1.5**	**16 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
DU04	**WSP2024h_TP02**	**TP02_0.2**	**16 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
DU04	**WSP2024h_TP02**	**TP02_1.0**	**16 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
DU04	**WSP2024h_TP08**	**TP08_0.2**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
DU04	**WSP2024h_TP08**	**TP08_0.5**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
DU04	**WSP2024h_TP09**	**TP09_0.2**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
DU04	**WSP2024h_TP09**	**TP09_1.0**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
DU04	**WSP2024h_TP10**	**TP10_0.2**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
DU04	**WSP2024h_TP10**	**TP10_1.0**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
DU04	**WSP2024h_TP11**	**QA02**	**15 May 2024**	**Field_D**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1
DU04	**WSP2024h_TP11**	**TP11_0.2**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6
DU04	**WSP2024h_TP11**	**TP11_1.0**	**15 May 2024**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obt

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

DU04 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Polynuclear Aromatic Hydrocarbons													Total Recoverable Hydrocarbons - Silica Gel			Physio-Chemical Parameters
	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	>C10-C16 fraction (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	Moisture Content (dried @ 103°C)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	50	100	100	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*62,000*	*85,000*	*120,000*	

Monitoring Zone	Location Code	Field ID	Date	Sample Type
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact		(Int. Main. Worker)		

DU04 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU04	WSP2021h_RBV_B5	31 May 2021	RBV_B5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_RBV_B7	31 May 2021	RBV_B7	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_RBV_W9	31 May 2021	RBV_W9	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.7	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.8	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.7	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.9	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	-	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP02	16 May 2024	TP02_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP02	16 May 2024	TP02_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP08	15 May 2024	TP08_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP08	15 May 2024	TP08_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP09	15 May 2024	TP09_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP09	15 May 2024	TP09_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP10	15 May 2024	TP10_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP10	15 May 2024	TP10_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP11	15 May 2024	QA02	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP11	15 May 2024	TP11_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP11	15 May 2024	TP11_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU04 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances										
					Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial						50									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU04	WSP2021h_RBV_B5	31 May 2021	RBV_B5	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B7	31 May 2021	RBV_B7	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W9	31 May 2021	RBV_W9	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.2	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.7	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.8	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.1	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.6	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.7	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.9	Normal	-	<0.005	-	-	-	-	-	-	-	-	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP02	16 May 2024	TP02_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP02	16 May 2024	TP02_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP08	15 May 2024	TP08_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP08	15 May 2024	TP08_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP09	15 May 2024	TP09_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP09	15 May 2024	TP09_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP10	15 May 2024	TP10_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP10	15 May 2024	TP10_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP11	15 May 2024	QA02	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP11	15 May 2024	TP11_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU04	WSP2024h_TP11	15 May 2024	TP11_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU04 - 1d: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial													20		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU04	WSP2021h_RBV_B5	31 May 2021	RBV_B5	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_B7	31 May 2021	RBV_B7	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_RBV_W9	31 May 2021	RBV_W9	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.2	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.7	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.8	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.1	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.6	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.7	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP6	21 May 2021	SP6.9	Normal	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP02	16 May 2024	TP02_0.2	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP02	16 May 2024	TP02_1.0	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP08	15 May 2024	TP08_0.2	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP08	15 May 2024	TP08_0.5	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP09	15 May 2024	TP09_0.2	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP09	15 May 2024	TP09_1.0	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP10	15 May 2024	TP10_0.2	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP10	15 May 2024	TP10_1.0	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP11	15 May 2024	QA02	Field_D	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP11	15 May 2024	TP11_0.2	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01
DU04	WSP2024h_TP11	15 May 2024	TP11_1.0	Normal	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU04 - 1d: Soil Analytical Results – PFAS Screening

	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
	mg/kg
EQL	0.005
PFAS NEMP 2025 HIL D Industrial/commercial	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU04	WSP2021h_RBV_B5	31 May 2021	RBV_B5	Normal	-
DU04	WSP2021h_RBV_B7	31 May 2021	RBV_B7	Normal	-
DU04	WSP2021h_RBV_W9	31 May 2021	RBV_W9	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.2	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.7	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.8	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	-
DU04	WSP2021h_SP6	21 May 2021	SP6.1	Normal	-
DU04	WSP2021h_SP6	21 May 2021	SP6.6	Normal	-
DU04	WSP2021h_SP6	21 May 2021	SP6.7	Normal	-
DU04	WSP2021h_SP6	21 May 2021	SP6.9	Normal	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	<0.005
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	<0.005
DU04	WSP2024h_TP02	16 May 2024	TP02_0.2	Normal	<0.005
DU04	WSP2024h_TP02	16 May 2024	TP02_1.0	Normal	<0.005
DU04	WSP2024h_TP08	15 May 2024	TP08_0.2	Normal	<0.005
DU04	WSP2024h_TP08	15 May 2024	TP08_0.5	Normal	<0.005
DU04	WSP2024h_TP09	15 May 2024	TP09_0.2	Normal	<0.005
DU04	WSP2024h_TP09	15 May 2024	TP09_1.0	Normal	<0.005
DU04	WSP2024h_TP10	15 May 2024	TP10_0.2	Normal	<0.005
DU04	WSP2024h_TP10	15 May 2024	TP10_1.0	Normal	<0.005
DU04	WSP2024h_TP11	15 May 2024	QA02	Field_D	<0.005
DU04	WSP2024h_TP11	15 May 2024	TP11_0.2	Normal	<0.005
DU04	WSP2024h_TP11	15 May 2024	TP11_1.0	Normal	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU04 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos																	
					Asbestos Detected	Friable Asbestos (FA & AF)	Asbestos fibres	Organic Fibres - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos from FA & AF in Soil	Asbestos Reported Result		ACM - Comment		FA- Comment	AF - Comment	Synthetic Fibres - Comment	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA
					%w/w	% (w/w)	g/kg	Comment	g	%w/w	%w/w	Yes/No	Comment	Yes/No	Comment	Comment	Comment	Comment	Comment	g	g	g	g	g	g
EQL							0.01																	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil						0.001																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU04	WSP2019_BH15CM	15 Nov 2018	BH15_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	0	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	-	0	-	ganic fibres detect	859	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0
DU04	WSP2024h_TP01	16 May 2024	TP01_1.0	Normal	-	0	-	ganic fibres detect	845	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	-	-	-	ganic fibres detect	-	-	-	-	-	-	Not detected	Not detected	-	Not detected	-	-	-	-	-	-	-
DU04	WSP2024h_TP02	16 May 2024	TP02_0.2	Normal	-	0.000108284	-	ganic fibres detect	739	0	-	-	AF detected	-	Not detected	Not detected	sbestos detected in	Not detected	0	0.0008	0.0008	0.0008	0	0
DU04	WSP2024h_TP02	16 May 2024	TP02_1.0	Normal	-	-	-	ganic fibres detect	-	-	-	-	-	-	Not detected	Not detected	-	Not detected	-	-	-	-	-	-	-
DU04	WSP2024h_TP08	15 May 2024	TP08_0.2	Normal	-	0	-	ganic fibres detect	822	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0
DU04	WSP2024h_TP08	15 May 2024	TP08_0.5	Normal	-	-	-	ganic fibres detect	-	-	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	-	-	-	-	-	-
DU04	WSP2024h_TP09	15 May 2024	TP09_0.2	Normal	-	0	-	ganic fibres detect	757	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0
DU04	WSP2024h_TP09	15 May 2024	TP09_1.0	Normal	-	0	-	ganic fibres detect	735	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0
DU04	WSP2024h_TP10	15 May 2024	TP10_0.2	Normal	-	0	-	ganic fibres detect	796	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0
DU04	WSP2024h_TP10	15 May 2024	TP10_1.0	Normal	-	-	-	ganic fibres detect	-	-	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	-	-	-	-	-	-
DU04	WSP2024h_TP11	15 May 2024	QA02	Normal	-	-	-	ganic fibres detect	-	-	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	-	-	-	-	-	-
DU04	WSP2024h_TP11	15 May 2024	QA02A	Normal	-	-	-	ganic fibres detect	-	-	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	-	-	-	-	-	-
DU04	WSP2024h_TP11	15 May 2024	TP11_0.2	Normal	-	0	-	ganic fibres detect	780	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0
DU04	WSP2024h_TP11	15 May 2024	TP11_1.0	Normal	-	0	-	ganic fibres detect	795	0	-	-	Not detected	-	Not detected	Not detected	Not detected	Not detected	Not detected	0	0	0	0	0	0

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU04 - 1e: Soil Analytical Results – Asbestos Screening

					Mass FA
					g
EQL					
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU04	WSP2019_BH15CM	15 Nov 2018	BH15_0.5_CM	Normal	-
DU04	WSP2019_BH16CM	15 Nov 2018	BH16_0.5_CM	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.1	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.5	Normal	-
DU04	WSP2021h_SP5	21 May 2021	SP5.10	Normal	-
DU04	WSP2024h_TP01	16 May 2024	TP01_0.2	Normal	0
DU04	WSP2024h_TP01	16 May 2024	TP01_1.0	Normal	0
DU04	WSP2024h_TP01	16 May 2024	TP01_1.5	Normal	-
DU04	WSP2024h_TP02	16 May 2024	TP02_0.2	Normal	0
DU04	WSP2024h_TP02	16 May 2024	TP02_1.0	Normal	-
DU04	WSP2024h_TP08	15 May 2024	TP08_0.2	Normal	0
DU04	WSP2024h_TP08	15 May 2024	TP08_0.5	Normal	-
DU04	WSP2024h_TP09	15 May 2024	TP09_0.2	Normal	0
DU04	WSP2024h_TP09	15 May 2024	TP09_1.0	Normal	0
DU04	WSP2024h_TP10	15 May 2024	TP10_0.2	Normal	0
DU04	WSP2024h_TP10	15 May 2024	TP10_1.0	Normal	-
DU04	WSP2024h_TP11	15 May 2024	QA02	Normal	-
DU04	WSP2024h_TP11	15 May 2024	QA02A	Normal	-
DU04	WSP2024h_TP11	15 May 2024	TP11_0.2	Normal	0
DU04	WSP2024h_TP11	15 May 2024	TP11_1.0	Normal	0

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU05 - 1a: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						260 | 370 | 630 | NL [#1#2]	NL																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand						**NL**	**NL**																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	61	<50	61	3.9	<0.4	13	64	26	<0.1	22
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	<5	<0.1	<5
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	<5	<0.1	<5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
he
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU05 - 1a: Soil Analytical Results – Human Health Screening

								Monocyclic Aromatic Hydrocarbons							Polynuclear Aromati							
								Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Phenanthrene	Fluoranthene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand									3	NL [#2]	NL [#2]			NL [#2]	NL [#2]				NL [#2]						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								400,000								40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand									77 | 160 | NL	NL	NL			NL	NL									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									5.1	47,000	25		2,800	2,500					8.6		45,000	230,000	30,000		30,000
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																					
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**		150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
he
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spec
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (s

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU05 - 1a: Soil Analytical Results – Human Health Screening

	c Hydrocarbons										Phe									
	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]		240,000			25,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	21	210		2.1	2,100	23,000		2.1	21				5,800	41,000			2,500	16,000		82,000

Monitoring Zone	Location Code	Field ID	Date	Sample Type																	
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
he
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spec
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (s

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU05 - 1a: Soil Analytical Results – Human Health Screening

DU05 - 1a: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)																	
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	2	0.2	0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					8,200				570	7.9	1,800	33	8.2	410					16,000	35		2,300	4,900	210
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
he
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spec
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (s

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU05 - 1a: Soil Analytical Results – Human Health Screening

																						Organochlorine Pesticides (OC)	
							Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45					530				3,600		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							160	58,000		29			0.18	0.14		0.36	1.3		2.5		9.6	9.3	8.5			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																						
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
he
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spec
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (s

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU05 - 1a: Soil Analytical Results – Human Health Screening

														Physico-Chemical Parameters
					Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						100			50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900					0.33						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	5.8
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	8.3
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	18

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
he
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spec
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (s

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU05 - 1b: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons			
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	61	<50
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU05 - 1b: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons									
						C10-C36 fraction (sum)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						50	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*	*29,000*			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**		61	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**		<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**		<50	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU05 - 1b: Soil Analytical Results – Direct Contact and Management Screening

						Polynuclear Aromatic Hydrocarbons										
						Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**11,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU05 - 1b: Soil Analytical Results – Direct Contact and Management Screening

									Polychlorinated Biphenyls	Physico-Chemical Parameters
					Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Total PCBs	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	5.8
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	8.3
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	18

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU05 - 1c: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]						50	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU05 - 1c: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances													
					Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial																	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU05 - 1c: Soil Analytical Results – PFAS Screening

					6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial									20			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

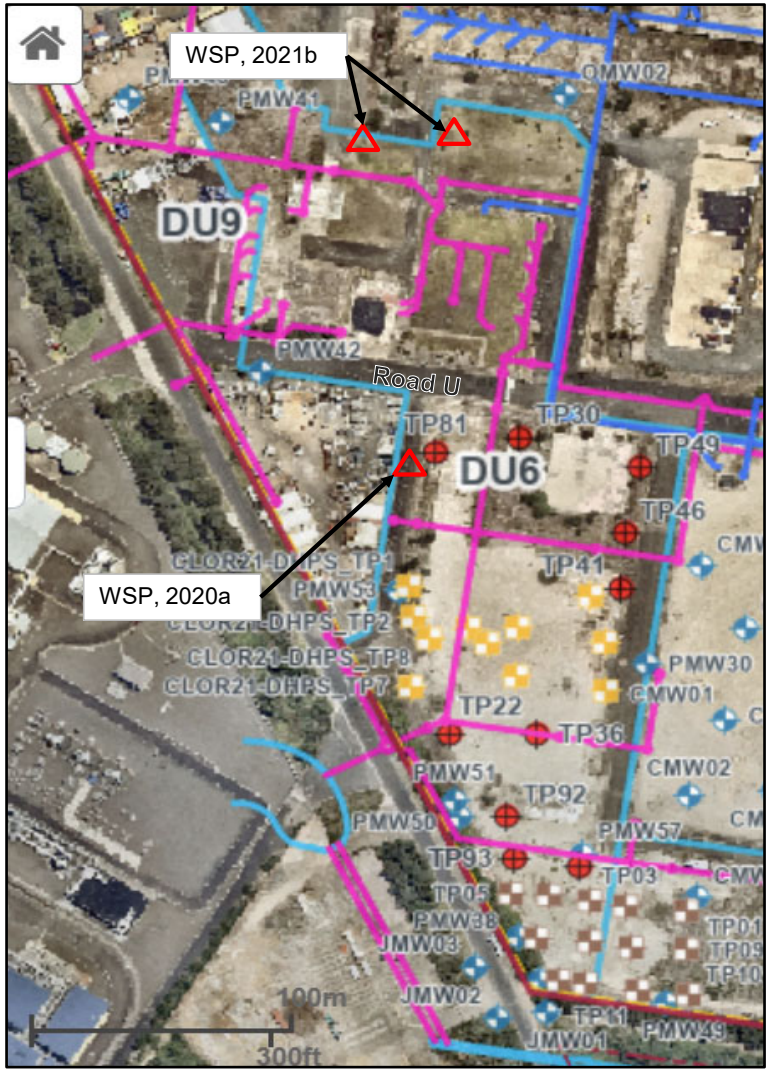
Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU05 - 1d: Soil Analytical Results – Asbestos Screening

					Asbestos			
					Asbestos (ACM >7mm) Estimation_mass	Asbestos Detected	FA and AF Estimation*	Asbestos fibres
					g	-	%w/w	g/kg
EQL								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**				
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	-	-	<0.001	-
DU05	**WSP2025j_PMW112**	**PMW112-0.1**	**21 Jan 2025**	**Normal**	0	<100	0	No
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	-	-	<0.001	-
DU05	**WSP2025j_PMW112**	**PMW112-0.5**	**21 Jan 2025**	**Normal**	0	<100	0	No
DU05	**WSP2025j_PMW112**	**PMW112-1.0**	**21 Jan 2025**	**Normal**	-	-	-	-

DU06 - 1a: Historical Exceedances



Legend

- Culvert
- Stormwater pit
- SWS (buried)
- OWS service
- DU boundary

Investigations

- WSP, 2021i
- WSP, 2022c
- WSP, 2024h
- detection of asbestos or exceedance of AC

Refer to **Attachment 3** for historical data extracts.

Aerial date: Jan 2025
Aerial source: Nearmaps

DU06 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m						260[#1]	NL [#2]											
>=1m, <2m						370	NL											
>=2m, <4m						630	NL											
>=4m						NL [#2]	NL											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m						**NL**	**NL**											
>=2m, <4m						**NL**	**NL**											
>=4m						**NL**	**NL**											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.1 (TP83)**	**Normal**	<20	<20	<50	<50	130	<100	130	-	-	-	-	-	3.2	<0.4
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.2 (TP83)**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	5.1	<0.4
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.1**	**Normal**	<20	<20	58	58	560	170	788	-	-	-	-	-	5.6	<0.4
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.4**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	4.0	<0.4
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.1**	**Normal**	<20	<20	<50	<50	230	130	360	-	-	-	-	-	15	2.1
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	7.5	1.3
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.1 (TP28)**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.3 (TP28)**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.1	<0.4
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.1 (TP38)**	**Normal**	<20	<20	<50	<50	120	<100	120	-	-	-	-	-	3.7	0.4
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.3 (TP38)**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4
DU06	**WSP_2021i_DHPS_TP4**	**11 Nov 2021**	**DHPS_TP4_0.1 (TP48)**	**Normal**	<20	<20	<50	<50	910	150	1,060.0	-	-	-	-	-	5.8	<0.4
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.1 (TP37)**	**Normal**	<20	<20	<50	<50	170	<100	170	-	-	-	-	-	12	0.5
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.4 (TP37)**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.2	<0.4
DU06	**WSP_2021i_DHPS_TP6**	**10 Nov 2021**	**DHPS_TP6_0.1 (TP45)**	**Normal**	<20	<20	<50	<50	260	100	360	-	-	-	-	-	3.5	<0.4
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.1 (TP52)**	**Normal**	<20	<20	<50	<50	220	120	340	-	-	-	-	-	6.9	0.9
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.3 (TP52)**	**Normal**	<20	<20	<50	<50	200	250	450	-	-	-	-	-	3.3	<0.4
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.5 (TP52)**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.1**	**Normal**	<20	<20	<50	<50	430	320	750	-	-	-	-	-	3.9	<0.4
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.4**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.2	<0.4
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.1**	**Normal**	<20	<20	<50	<50	260	160	420	-	-	-	-	-	6.8	0.4
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.4**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.8	<0.4
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	25	50	<50	75	2.7	<0.4
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_1.0**	**Normal**	<20	<20	<50	<50	170	<100	170	<20	<20	96	110	206	<2	<0.4
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_0.1**	**Normal**	<20	<20	<50	<50	150	<100	-	-	-	-	-	-	4.3	<0.4
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_1.0**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	94	89	183	<2	<0.4
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	3.6	<0.4
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.5**	**Normal**	<20	<20	<50	<50	170	<100	170	<20	<20	100	100	200	3.1	<0.4
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<2	<0.4
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	3.7	<0.4
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_1.0**	**Normal**	<20	<20	<50	<50	310	120	-	-	-	-	-	-	<2	<0.4
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	4.6	<0.4
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	2.7	<0.4
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.0	<0.4
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m		260[#1]	NL [#2]											
>=1m, <2m		370	NL											
>=2m, <4m		630	NL											
>=4m		NL [#2]	NL											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]	900
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m		**NL**	**NL**											
>=2m, <4m		**NL**	**NL**											
>=4m		**NL**	**NL**											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)														

Monitoring Zone	Location Code	Date	Field ID	Sample Type														
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.8	<0.4
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.3	<0.4
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.7	<0.4
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	<20	<20	<50	<50	180	<100	180	<20	<20	96	110	206	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	<20	<20	<50	<50	110	<100	110	<20	<20	81	<50	81	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	55	<50	55	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	<20	<20	<50	<50	270	300	570	<20	<20	140	200	340	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	84	84	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

					Metals						Monocyclic Aromatic Hydrocarbons							
					Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Zero)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m											3	NL [#2]	NL [#2]			230		
>=1m, <2m											3	NL	NL			NL [#2]		
>=2m, <4m											3	NL	NL			NL		
>=4m											3	NL	NL			NL		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					3,600 [#4]	240,000	1,500 [#5]	730 [#6]	6,000	400,000								40 [#7]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m											**77**	**NL**	**NL**			**NL**		
>=2m, <4m											**160**	**NL**	**NL**			**NL**		
>=4m											**NL**	**NL**	**NL**			**NL**		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)											5.1 [#9]	47,000 [#9]	25 [#9]		2,800 [#9]	2,500 [#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.1 (TP83)**	**Normal**	<5	<5	<5	0.1	<5	48	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.2 (TP83)**	**Normal**	<5	<5	<5	0.2	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.1**	**Normal**	31	54	28	0.7	22	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.4**	**Normal**	6.6	<5	<5	0.2	5.1	16	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.1**	**Normal**	16	50	28	0.7	33	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.5**	**Normal**	<5	<5	<5	0.4	<5	9.6	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.1 (TP28)**	**Normal**	8.7	22	22	0.2	14	74	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.3 (TP28)**	**Normal**	5.0	<5	<5	<0.1	<5	5.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.1 (TP38)**	**Normal**	20	21	27	0.2	16	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.3 (TP38)**	**Normal**	5.8	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP4**	**11 Nov 2021**	**DHPS_TP4_0.1 (TP48)**	**Normal**	99	170	34	5.3	1,300.0	220	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.1 (TP37)**	**Normal**	57	85	23	2.8	63	300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.4 (TP37)**	**Normal**	<5	<5	<5	<0.1	<5	11	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP6**	**10 Nov 2021**	**DHPS_TP6_0.1 (TP45)**	**Normal**	26	51	62	0.8	20	530	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.1 (TP52)**	**Normal**	120	130	180	3.5	45	1,400.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.3 (TP52)**	**Normal**	15	17	22	1.2	15	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.5 (TP52)**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.1**	**Normal**	29	80	65	0.8	26	560	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.4**	**Normal**	<5	<5	<5	<0.1	5.2	12	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.1**	**Normal**	38	77	100	2.7	14	750	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.4**	**Normal**	<5	<5	<5	0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_0.1**	**Normal**	17	42	26	1.2	12	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_0.1**	**Normal**	<5	5.6	8.5	<0.1	<5	32	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_0.1**	**Normal**	24	44	35	2.4	20	420	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.1**	**Normal**	20	23	20	0.8	14	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.5**	**Normal**	19	65	44	1.1	12	400	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_0.1**	**Normal**	17	71	<5	<0.1	84	67	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_0.1**	**Normal**	12	17	33	<0.1	6.8	120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_0.1**	**Normal**	6.1	10	20	<0.1	<5	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_1.0**	**Normal**	6.7	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_0.1**	**Normal**	<5	<5	<5	<0.1	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_0.1**	**Normal**	27	45	11	0.2	98	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Metals						Monocyclic Aromatic Hydrocarbons							
	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Benzo(a)pyrene TEQ calc (Zero)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m							3	NL [#2]	NL [#2]			230		
>=1m, <2m							3	NL	NL			NL [#2]		
>=2m, <4m							3	NL	NL			NL		
>=4m							3	NL	NL			NL		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000								40[#7]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m							**77**	**NL**	**NL**			**NL**		
>=2m, <4m							**160**	**NL**	**NL**			**NL**		
>=4m							**NL**	**NL**	**NL**			**NL**		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							5.1[#9]	47,000[#9]	25[#9]		2,800[#9]	2,500[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	21	46	65	0.4	20	370	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability sho
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

							Polynuclear Aromatic Hydrocarbons									
							Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m							NL [#2]					NL								
>=1m, <2m							NL					NL								
>=2m, <4m							NL					NL								
>=4m							NL					NL								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m												**NL**								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.1 (TP83)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.2 (TP83)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.1 (TP28)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.3 (TP28)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.1 (TP38)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.3 (TP38)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP4**	**11 Nov 2021**	**DHPS_TP4_0.1 (TP48)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.1 (TP37)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.4 (TP37)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP6**	**10 Nov 2021**	**DHPS_TP6_0.1 (TP45)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.1 (TP52)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.3 (TP52)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.5 (TP52)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.1**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_0.1**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_0.1**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_1.0**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_0.1**	**Normal**	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU06 - 1b: Soil Analytical Results – Human Health Screening

							Polynuclear Aromatic Hydrocarbons									
							Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m							NL [#2]					NL								
>=1m, <2m							NL					NL								
>=2m, <4m							NL					NL								
>=4m							NL					NL								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m												**NL**								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							8.6 [#9]		45,000 [#9]	230,000 [#9]	30,000 [#9]			30,000 [#9]	21 [#9]	210 [#9]		2.1 [#9]	2,100 [#9]	23,000 [#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	-	-	-	-	-	<1	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-		

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

																	Phenolic Compou
					Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								4,000[#8]		240,000			25,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						2.1[#9]	21[#9]			250,000[#9]	5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.1 (TP83)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.2 (TP83)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.1 (TP28)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.3 (TP28)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.1 (TP38)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.3 (TP38)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP4**	**11 Nov 2021**	**DHPS_TP4_0.1 (TP48)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.1 (TP37)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.4 (TP37)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP6**	**10 Nov 2021**	**DHPS_TP6_0.1 (TP45)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.1 (TP52)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.3 (TP52)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.5 (TP52)**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<5	<10	<1	<5	-	<20	<0.5	<1	<20	<0.5	<0.4
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1

DU06 - 1b: Soil Analytical Results – Human Health Screening

																	Phenolic Compou
					Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								4,000[#8]		240,000			25,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						2.1[#9]	21[#9]			250,000[#9]	5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

												nds					Polychlorinated Biphenyls
												2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.5	5	1	5	20	5	20	10	1	20	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
>=0m, <1m																										
>=1m, <2m																										
>=2m, <4m																										
>=4m																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														660												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																										
>=0m, <2m																										
>=2m, <4m																										
>=4m																										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												82,000[#9]	66[#9]		1,600[#9]	1,600[#9]		820[#9]					27[#9]	0.83[#9]	0.72[#9]	0.95[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																						
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.1 (TP83)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.2 (TP83)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.4**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.5**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.1 (TP28)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.3 (TP28)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.1 (TP38)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.3 (TP38)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP4**	**11 Nov 2021**	**DHPS_TP4_0.1 (TP48)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.1 (TP37)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	0.2	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.4 (TP37)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP6**	**10 Nov 2021**	**DHPS_TP6_0.1 (TP45)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.1 (TP52)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.3 (TP52)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.5 (TP52)**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.4**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.4**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_0.1**	**Normal**								<0.5	<0.5	<0.5	<1	<1	<5	<0.2	<1	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.1**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.5**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_0.1**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_0.1**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	-	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_1.0**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_0.1**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1

DU06 - 1b: Soil Analytical Results – Human Health Screening

												nds					Polychlorinated Biphenyls
												2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.5	5	1	5	20	5	20	10	1	20	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
>=0m, <1m																										
>=1m, <2m																										
>=2m, <4m																										
>=4m																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														660												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																										
>=0m, <2m																										
>=2m, <4m																										
>=4m																										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												82,000[#9]	66[#9]		1,600[#9]	1,600[#9]		820[#9]					27[#9]	0.83[#9]	0.72[#9]	0.95[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																						
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**								<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05	0.05	2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m															
>=1m, <2m															
>=2m, <4m															
>=4m															
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											2,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m															
>=2m, <4m															
>=4m															
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]		8,200[#9]			

Monitoring Zone	Location Code	Date	Field ID	Sample Type													
DU06	WSP_2021i_DHPS_TP1	11 Nov 2021	DHPS_TP1_0.1 (TP83)	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP1	11 Nov 2021	DHPS_TP1_0.2 (TP83)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.1	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.1	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	11 Nov 2021	DHPS_TP2_0.1 (TP28)	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP2	11 Nov 2021	DHPS_TP2_0.3 (TP28)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	11 Nov 2021	DHPS_TP3_0.1 (TP38)	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP3	11 Nov 2021	DHPS_TP3_0.3 (TP38)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	11 Nov 2021	DHPS_TP4_0.1 (TP48)	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	10 Nov 2021	DHPS_TP5_0.1 (TP37)	Normal	<0.1	0.2	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	10 Nov 2021	DHPS_TP5_0.4 (TP37)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	10 Nov 2021	DHPS_TP6_0.1 (TP45)	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.1 (TP52)	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.3 (TP52)	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.5 (TP52)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.1	Normal	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.1	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	03 Mar 2022	TP22_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	03 Mar 2022	TP22_1.0	Normal	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	WSP_2022c_TP30	03 Mar 2022	TP30_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	03 Mar 2022	TP30_1.0	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2022c_TP33	03 Mar 2022	TP33_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	03 Mar 2022	TP33_1.0	Normal	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	WSP_2022c_TP36	03 Mar 2022	TP36_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	03 Mar 2022	TP36_0.5	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2022c_TP41	03 Mar 2022	TP41_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	03 Mar 2022	TP41_1.0	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2022c_TP46	03 Mar 2022	TP46_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	03 Mar 2022	TP46_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	03 Mar 2022	TP49_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	03 Mar 2022	TP49_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	03 Mar 2022	TP81_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	03 Mar 2022	TP81_1.0	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	WSP_2022c_TP92	03 Mar 2022	TP92_0.1	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05	0.05	2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m															
>=1m, <2m															
>=2m, <4m															
>=4m															
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											2,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m															
>=2m, <4m															
>=4m															
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]		8,200[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

						Organophosphorus Pesticides (OP)											
						Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]	4,900[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.1 (TP83)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.2 (TP83)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.1**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.4**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.1**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.1 (TP28)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.3 (TP28)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.1 (TP38)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.3 (TP38)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP4**	**11 Nov 2021**	**DHPS_TP4_0.1 (TP48)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.1 (TP37)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.4 (TP37)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP6**	**10 Nov 2021**	**DHPS_TP6_0.1 (TP45)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.1 (TP52)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.3 (TP52)**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.5 (TP52)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.4**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.1**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.4**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_1.0**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.5**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_1.0**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_1.0**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_0.1**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2

DU06 - 1b: Soil Analytical Results – Human Health Screening

						Organophosphorus Pesticides (OP)											
						Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]	4,900[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m															
>=1m, <2m															
>=2m, <4m															
>=4m															
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										45					530
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m															
>=2m, <4m															
>=4m															
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]		2.5[#9]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type													
DU06	WSP_2021i_DHPS_TP1	11 Nov 2021	DHPS_TP1_0.1 (TP83)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP1	11 Nov 2021	DHPS_TP1_0.2 (TP83)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.1	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.1	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	11 Nov 2021	DHPS_TP2_0.1 (TP28)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP2	11 Nov 2021	DHPS_TP2_0.3 (TP28)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	11 Nov 2021	DHPS_TP3_0.1 (TP38)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP3	11 Nov 2021	DHPS_TP3_0.3 (TP38)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	11 Nov 2021	DHPS_TP4_0.1 (TP48)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP5	10 Nov 2021	DHPS_TP5_0.1 (TP37)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP5	10 Nov 2021	DHPS_TP5_0.4 (TP37)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	10 Nov 2021	DHPS_TP6_0.1 (TP45)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.1 (TP52)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.3 (TP52)	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.5 (TP52)	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.1	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.1	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	03 Mar 2022	TP22_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	03 Mar 2022	TP22_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	WSP_2022c_TP30	03 Mar 2022	TP30_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	03 Mar 2022	TP30_1.0	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2022c_TP33	03 Mar 2022	TP33_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	03 Mar 2022	TP33_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	WSP_2022c_TP36	03 Mar 2022	TP36_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	03 Mar 2022	TP36_0.5	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2022c_TP41	03 Mar 2022	TP41_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	03 Mar 2022	TP41_1.0	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2022c_TP46	03 Mar 2022	TP46_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	03 Mar 2022	TP46_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	03 Mar 2022	TP49_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	03 Mar 2022	TP49_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	03 Mar 2022	TP81_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	03 Mar 2022	TP81_1.0	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2022c_TP92	03 Mar 2022	TP92_0.1	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m															
>=1m, <2m															
>=2m, <4m															
>=4m															
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										45					530
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m															
>=2m, <4m															
>=4m															
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]		2.5[#9]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type														
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

					Organochlorine Pesticides (OC)													
					DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								3,600				100			50		80	2,500	160
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					9.6[#9]	9.3[#9]	8.5[#9]				4,900[#9]					0.33[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.1 (TP83)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP1**	**11 Nov 2021**	**DHPS_TP1_0.2 (TP83)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP10**	**10 Nov 2021**	**DHPS_TP10_0.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP11**	**10 Nov 2021**	**DHPS_TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.1 (TP28)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP2**	**11 Nov 2021**	**DHPS_TP2_0.3 (TP28)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.1 (TP38)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP3**	**11 Nov 2021**	**DHPS_TP3_0.3 (TP38)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP4**	**11 Nov 2021**	**DHPS_TP4_0.1 (TP48)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.1 (TP37)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP5**	**10 Nov 2021**	**DHPS_TP5_0.4 (TP37)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP6**	**10 Nov 2021**	**DHPS_TP6_0.1 (TP45)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.1 (TP52)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.3 (TP52)**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP7**	**10 Nov 2021**	**DHPS_TP7_0.5 (TP52)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10
DU06	**WSP_2021i_DHPS_TP8**	**10 Nov 2021**	**DHPS_TP8_0.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2021i_DHPS_TP9**	**10 Nov 2021**	**DHPS_TP9_0.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP22**	**03 Mar 2022**	**TP22_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP30**	**03 Mar 2022**	**TP30_1.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP33**	**03 Mar 2022**	**TP33_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP36**	**03 Mar 2022**	**TP36_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP41**	**03 Mar 2022**	**TP41_1.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP46**	**03 Mar 2022**	**TP46_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP49**	**03 Mar 2022**	**TP49_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**03 Mar 2022**	**TP81_1.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

DU06 - 1b: Soil Analytical Results – Human Health Screening

					Organochlorine Pesticides (OC)													
					DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								3,600				100			50		80	2,500	160
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					9.6[#9]	9.3[#9]	8.5[#9]				4,900[#9]					0.33[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Parameters	
	Moisture Content	Moisture Content (dried @ 103°C)
	%	%
EQL	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand		
>=0m, <1m		
>=1m, <2m		
>=2m, <4m		
>=4m		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand		
>=0m, <2m		
>=2m, <4m		
>=4m		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		

Monitoring Zone	Location Code	Date	Field ID	Sample Type		
DU06	WSP_2021i_DHPS_TP1	11 Nov 2021	DHPS_TP1_0.1 (TP83)	Normal	5.5	-
DU06	WSP_2021i_DHPS_TP1	11 Nov 2021	DHPS_TP1_0.2 (TP83)	Normal	3.9	-
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.1	Normal	8.3	-
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.4	Normal	6.3	-
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.1	Normal	6.1	-
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.5	Normal	2.3	-
DU06	WSP_2021i_DHPS_TP2	11 Nov 2021	DHPS_TP2_0.1 (TP28)	Normal	9.2	-
DU06	WSP_2021i_DHPS_TP2	11 Nov 2021	DHPS_TP2_0.3 (TP28)	Normal	4.4	-
DU06	WSP_2021i_DHPS_TP3	11 Nov 2021	DHPS_TP3_0.1 (TP38)	Normal	14	-
DU06	WSP_2021i_DHPS_TP3	11 Nov 2021	DHPS_TP3_0.3 (TP38)	Normal	9.8	-
DU06	WSP_2021i_DHPS_TP4	11 Nov 2021	DHPS_TP4_0.1 (TP48)	Normal	12	-
DU06	WSP_2021i_DHPS_TP5	10 Nov 2021	DHPS_TP5_0.1 (TP37)	Normal	5.2	-
DU06	WSP_2021i_DHPS_TP5	10 Nov 2021	DHPS_TP5_0.4 (TP37)	Normal	2.2	-
DU06	WSP_2021i_DHPS_TP6	10 Nov 2021	DHPS_TP6_0.1 (TP45)	Normal	9.3	-
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.1 (TP52)	Normal	9.7	-
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.3 (TP52)	Normal	11	-
DU06	WSP_2021i_DHPS_TP7	10 Nov 2021	DHPS_TP7_0.5 (TP52)	Normal	4.0	-
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.1	Normal	7.9	-
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.4	Normal	6.7	-
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.1	Normal	10	-
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.4	Normal	3.2	-
DU06	WSP_2022c_TP22	03 Mar 2022	TP22_0.1	Normal	12	-
DU06	WSP_2022c_TP22	03 Mar 2022	TP22_1.0	Normal	17	-
DU06	WSP_2022c_TP30	03 Mar 2022	TP30_0.1	Normal	13	-
DU06	WSP_2022c_TP30	03 Mar 2022	TP30_1.0	Normal	9.9	-
DU06	WSP_2022c_TP33	03 Mar 2022	TP33_0.1	Normal	16	-
DU06	WSP_2022c_TP33	03 Mar 2022	TP33_1.0	Normal	12	-
DU06	WSP_2022c_TP36	03 Mar 2022	TP36_0.1	Normal	19	-
DU06	WSP_2022c_TP36	03 Mar 2022	TP36_0.5	Normal	13	-
DU06	WSP_2022c_TP41	03 Mar 2022	TP41_0.1	Normal	6.7	-
DU06	WSP_2022c_TP41	03 Mar 2022	TP41_1.0	Normal	12	-
DU06	WSP_2022c_TP46	03 Mar 2022	TP46_0.1	Normal	12	-
DU06	WSP_2022c_TP46	03 Mar 2022	TP46_1.0	Normal	11	-
DU06	WSP_2022c_TP49	03 Mar 2022	TP49_0.1	Normal	17	-
DU06	WSP_2022c_TP49	03 Mar 2022	TP49_1.0	Normal	16	-
DU06	WSP_2022c_TP81	03 Mar 2022	TP81_0.1	Normal	13	-
DU06	WSP_2022c_TP81	03 Mar 2022	TP81_1.0	Normal	15	-
DU06	WSP_2022c_TP92	03 Mar 2022	TP92_0.1	Normal	11	-

DU06 - 1b: Soil Analytical Results – Human Health Screening

	Parameters	
	Moisture Content	Moisture Content (dried @ 103°C)
	%	%
EQL	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand		
>=0m, <1m		
>=1m, <2m		
>=2m, <4m		
>=4m		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand		
>=0m, <2m		
>=2m, <4m		
>=4m		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		

Monitoring Zone	Location Code	Date	Field ID	Sample Type		
DU06	**WSP_2022c_TP92**	**03 Mar 2022**	**TP92_1.0**	**Normal**	7.3	-
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_0.1**	**Normal**	13	-
DU06	**WSP_2022c_TP93**	**03 Mar 2022**	**TP93_1.0**	**Normal**	9.6	-
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	-	14
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	-	9.7
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	-	11
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	-	10
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	-	8.8
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	8.7	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	-	9.1
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	-	11
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	-	10
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	-	10
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	-	10
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	-	10
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	-	8.5
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	-	9.5
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	-	10
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	-	15

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability shc
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspecte
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Pet	
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<20	<20	<50	<50	130	<100	130	-	-
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<20	<20	58	58	560	170	788	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<20	<20	<50	<50	230	130	360	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<20	<20	<50	<50	120	<100	120	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<20	<20	<50	<50	910	150	1,060.0	-	-
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<20	<20	<50	<50	170	<100	170	-	-
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<20	<20	<50	<50	260	100	360	-	-
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<20	<20	<50	<50	220	120	340	-	-
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<20	<20	<50	<50	200	250	450	-	-
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<20	<20	<50	<50	430	320	750	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<20	<20	<50	<50	260	160	420	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	25
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<20	<20	<50	<50	170	<100	170	<20	<20
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	<20	<20	<50	<50	150	<100	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<20	<20	<50	<50	160	<100	160	<20	<20
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<20	<20	<50	<50	170	<100	170	<20	<20
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	<20	<20	<50	<50	310	120	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Pet	
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	<20	<20	<50	<50	180	<100	180	<20	<20
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	<20	<20	<50	<50	110	<100	110	<20	<20
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	<20	<20	<50	<50	270	300	570	<20	<20
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					roleum Hydrocarbons			Metals					
					C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					50	50	50	2	0.4	2	5	5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	-	-	-	3.2	<0.4	<5	<5	<5	0.1
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	5.1	<0.4	<5	<5	<5	0.2
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	-	-	-	5.6	<0.4	31	54	28	0.7
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	4.0	<0.4	6.6	<5	<5	0.2
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	-	-	-	15	2.1	16	50	28	0.7
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	7.5	1.3	<5	<5	<5	0.4
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	-	-	-	<2	<0.4	8.7	22	22	0.2
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	3.1	<0.4	5.0	<5	<5	<0.1
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	-	-	-	3.7	0.4	20	21	27	0.2
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	<2	<0.4	5.8	<5	<5	<0.1
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	-	-	-	5.8	<0.4	99	170	34	5.3
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	-	-	-	12	0.5	57	85	23	2.8
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	3.2	<0.4	<5	<5	<5	<0.1
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	-	-	-	3.5	<0.4	26	51	62	0.8
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	-	-	-	6.9	0.9	120	130	180	3.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	-	-	-	3.3	<0.4	15	17	22	1.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	2.1	<0.4	<5	<5	<5	<0.1
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	-	-	-	3.9	<0.4	29	80	65	0.8
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	2.2	<0.4	<5	<5	<5	<0.1
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	-	-	-	6.8	0.4	38	77	100	2.7
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	3.8	<0.4	<5	<5	<5	0.1
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	50	<50	75	2.7	<0.4	17	42	26	1.2
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	96	110	206	<2	<0.4	<5	<5	<5	<0.1
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	<50	<50	<50	<2	<0.4	<5	5.6	8.5	<0.1
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<50	<50	<50	<2	<0.4	<5	<5	<5	<0.1
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	4.3	<0.4	24	44	35	2.4
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	94	89	183	<2	<0.4	<5	<5	<5	<0.1
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	3.6	<0.4	20	23	20	0.8
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	100	100	200	3.1	<0.4	19	65	44	1.1
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	<2	<0.4	17	71	<5	<0.1
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<50	<50	<50	<2	<0.4	<5	<5	<5	<0.1
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	3.7	<0.4	12	17	33	<0.1
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	<2	<0.4	<5	<5	<5	<0.1
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	<50	<50	<50	<2	<0.4	6.1	10	20	<0.1

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					roleum Hydrocarbons			Metals					
					C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					50	50	50	2	0.4	2	5	5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	4.6	<0.4	6.7	<5	<5	<0.1
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	2.7	<0.4	<5	<5	<5	<0.1
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<50	<50	<50	3.0	<0.4	<5	<5	<5	<0.1
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<50	<50	<50	<2	<0.4	27	45	11	0.2
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<50	<50	<50	3.8	<0.4	<5	<5	<5	<0.1
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	<50	<50	<50	3.3	<0.4	21	46	65	0.4
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<50	<50	<50	2.7	<0.4	<5	<5	<5	<0.1
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	96	110	206	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	81	<50	81	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	<100	<100	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	55	<50	55	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	140	200	340	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	<50	84	84	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	<50	<50	<50	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

							Monocyclic Aromatic Hydrocarbons							
							Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					Nickel	Zinc	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2021i_DHPS_TP1**	**DHPS_TP1_0.1 (TP83)**	**11 Nov 2021**	**Normal**	<5	48	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP1**	**DHPS_TP1_0.2 (TP83)**	**11 Nov 2021**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP10**	**DHPS_TP10_0.1**	**10 Nov 2021**	**Normal**	22	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP10**	**DHPS_TP10_0.4**	**10 Nov 2021**	**Normal**	5.1	16	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP11**	**DHPS_TP11_0.1**	**10 Nov 2021**	**Normal**	33	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP11**	**DHPS_TP11_0.5**	**10 Nov 2021**	**Normal**	<5	9.6	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP2**	**DHPS_TP2_0.1 (TP28)**	**11 Nov 2021**	**Normal**	14	74	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP2**	**DHPS_TP2_0.3 (TP28)**	**11 Nov 2021**	**Normal**	<5	5.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP3**	**DHPS_TP3_0.1 (TP38)**	**11 Nov 2021**	**Normal**	16	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP3**	**DHPS_TP3_0.3 (TP38)**	**11 Nov 2021**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP4**	**DHPS_TP4_0.1 (TP48)**	**11 Nov 2021**	**Normal**	1,300.0	220	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP5**	**DHPS_TP5_0.1 (TP37)**	**10 Nov 2021**	**Normal**	63	300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP5**	**DHPS_TP5_0.4 (TP37)**	**10 Nov 2021**	**Normal**	<5	11	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP6**	**DHPS_TP6_0.1 (TP45)**	**11 Oct 2021**	**Normal**	20	530	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP7**	**DHPS_TP7_0.1 (TP52)**	**10 Nov 2021**	**Normal**	45	1,400.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP7**	**DHPS_TP7_0.3 (TP52)**	**10 Nov 2021**	**Normal**	15	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP7**	**DHPS_TP7_0.5 (TP52)**	**10 Nov 2021**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP8**	**DHPS_TP8_0.1**	**10 Nov 2021**	**Normal**	26	560	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP8**	**DHPS_TP8_0.4**	**10 Nov 2021**	**Normal**	5.2	12	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP9**	**DHPS_TP9_0.1**	**10 Nov 2021**	**Normal**	14	750	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2021i_DHPS_TP9**	**DHPS_TP9_0.4**	**10 Nov 2021**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP22**	**TP22_0.1**	**03 Mar 2022**	**Normal**	12	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP22**	**TP22_1.0**	**03 Mar 2022**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP30**	**TP30_0.1**	**03 Mar 2022**	**Normal**	<5	32	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP30**	**TP30_1.0**	**03 Mar 2022**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP33**	**TP33_0.1**	**03 Mar 2022**	**Normal**	20	420	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP33**	**TP33_1.0**	**03 Mar 2022**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP36**	**TP36_0.1**	**03 Mar 2022**	**Normal**	14	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP36**	**TP36_0.5**	**03 Mar 2022**	**Normal**	12	400	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP41**	**TP41_0.1**	**03 Mar 2022**	**Normal**	84	67	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP41**	**TP41_1.0**	**03 Mar 2022**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP46**	**TP46_0.1**	**03 Mar 2022**	**Normal**	6.8	120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP46**	**TP46_1.0**	**03 Mar 2022**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP49**	**TP49_0.1**	**03 Mar 2022**	**Normal**	<5	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										Monocyclic Aromatic Hydrocarbons										
						Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	5	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)								**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)								*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**										
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**		<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**		<5	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**		<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**		98	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**		<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**		20	370	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**		<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**		-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**		-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																				Polynuclear
					Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**11,000**							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	<0.5	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	<0.5	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	<0.5	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																				Polynuclear
					Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**11,000**							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	<0.5	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	<0.5	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	<1	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	<0.5	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Aromatic Hydrocarbons								
					Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Aromatic Hydrocarbons								
					Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	<0.5	<5	<10	<1	<5	-	<20	<0.5	<1
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	<0.5	-	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds								
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	<20	<0.5	<0.4	<0.5	<0.5	<0.5	<1	<1	<5
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds								
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2022c_TP49	TP49_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	TP81_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	TP81_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP92	TP92_0.1	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP92	TP92_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP93	TP93_0.1	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP_2022c_TP93	TP93_1.0	03 Mar 2022	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5
DU06	WSP2024h_TP03	TP03_0.1	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP03	TP03_1.5	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP04	TP04_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP04	TP04_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	QA01	16 May 2024	Field_D	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	QA01A	16 May 2024	Interlab_D	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	TP05_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	TP05_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP06	TP06_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP06	TP06_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP07	TP07_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP07	TP07_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP12	TP12_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP12	TP12_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP13	TP13_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP13	TP13_2.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																			Polychlorinated Biphenyls	
					Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	10	1	20	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<20	<10	<1	<20	0.2	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	<20	<10	<1	<20	-	-	-	-	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	<0.2	<1	<1	<20	-	-	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	<20	-	<1	<20	-	-	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	<20	<10	<1	<20	-	-	-	-	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Polychlorinated Biphenyls				
					Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	10	1	20	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<20	<10	<1	<20	<0.1	<0.1	<0.1	<0.1	<0.1
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	<20	<10	<1	<20	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<20	<10	<1	<20	<1	<1	<1	<1	<1
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.1	0.2	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<1	<1	<1	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)								
					Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)								
					Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2022c_TP49	TP49_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	TP81_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	TP81_1.0	03 Mar 2022	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP92	TP92_0.1	03 Mar 2022	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP92	TP92_1.0	03 Mar 2022	Normal	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU06	WSP_2022c_TP93	TP93_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP93	TP93_1.0	03 Mar 2022	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP2024h_TP03	TP03_0.1	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP03	TP03_1.5	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP04	TP04_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP04	TP04_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	QA01	16 May 2024	Field_D	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	QA01A	16 May 2024	Interlab_D	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	TP05_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	TP05_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP06	TP06_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP06	TP06_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP07	TP07_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP07	TP07_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP12	TP12_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP12	TP12_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP13	TP13_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP13	TP13_2.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)								
					DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)								
					DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU06	WSP_2022c_TP49	TP49_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	TP81_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP81	TP81_1.0	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2022c_TP92	TP92_0.1	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2022c_TP92	TP92_1.0	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU06	WSP_2022c_TP93	TP93_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP_2022c_TP93	TP93_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU06	WSP2024h_TP03	TP03_0.1	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP03	TP03_1.5	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP04	TP04_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP04	TP04_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	QA01	16 May 2024	Field_D	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	QA01A	16 May 2024	Interlab_D	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	TP05_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP05	TP05_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP06	TP06_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP06	TP06_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP07	TP07_0.2	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP07	TP07_1.0	16 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP12	TP12_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP12	TP12_1.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP13	TP13_0.2	15 May 2024	Normal	-	-	-	-	-	-	-	-	-
DU06	WSP2024h_TP13	TP13_2.0	15 May 2024	Normal	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

											Parameters	
					Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Moisture Content	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL					0.05	0.05	0.05	0.05	0.05	0.5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.1 (TP83)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	5.5	-
DU06	WSP_2021i_DHPS_TP1	DHPS_TP1_0.2 (TP83)	11 Nov 2021	Normal	-	-	-	-	-	-	3.9	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.1	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	8.3	-
DU06	WSP_2021i_DHPS_TP10	DHPS_TP10_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	6.3	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.1	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	6.1	-
DU06	WSP_2021i_DHPS_TP11	DHPS_TP11_0.5	10 Nov 2021	Normal	-	-	-	-	-	-	2.3	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.1 (TP28)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	9.2	-
DU06	WSP_2021i_DHPS_TP2	DHPS_TP2_0.3 (TP28)	11 Nov 2021	Normal	-	-	-	-	-	-	4.4	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.1 (TP38)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	14	-
DU06	WSP_2021i_DHPS_TP3	DHPS_TP3_0.3 (TP38)	11 Nov 2021	Normal	-	-	-	-	-	-	9.8	-
DU06	WSP_2021i_DHPS_TP4	DHPS_TP4_0.1 (TP48)	11 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	12	-
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.1 (TP37)	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	5.2	-
DU06	WSP_2021i_DHPS_TP5	DHPS_TP5_0.4 (TP37)	10 Nov 2021	Normal	-	-	-	-	-	-	2.2	-
DU06	WSP_2021i_DHPS_TP6	DHPS_TP6_0.1 (TP45)	11 Oct 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	9.3	-
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.1 (TP52)	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	9.7	-
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.3 (TP52)	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	11	-
DU06	WSP_2021i_DHPS_TP7	DHPS_TP7_0.5 (TP52)	10 Nov 2021	Normal	-	-	-	-	-	-	4.0	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.1	10 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	7.9	-
DU06	WSP_2021i_DHPS_TP8	DHPS_TP8_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	6.7	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.1	10 Nov 2021	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	10	-
DU06	WSP_2021i_DHPS_TP9	DHPS_TP9_0.4	10 Nov 2021	Normal	-	-	-	-	-	-	3.2	-
DU06	WSP_2022c_TP22	TP22_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	12	-
DU06	WSP_2022c_TP22	TP22_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	17	-
DU06	WSP_2022c_TP30	TP30_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	13	-
DU06	WSP_2022c_TP30	TP30_1.0	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	9.9	-
DU06	WSP_2022c_TP33	TP33_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	16	-
DU06	WSP_2022c_TP33	TP33_1.0	03 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	12	-
DU06	WSP_2022c_TP36	TP36_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	19	-
DU06	WSP_2022c_TP36	TP36_0.5	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	13	-
DU06	WSP_2022c_TP41	TP41_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	6.7	-
DU06	WSP_2022c_TP41	TP41_1.0	03 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	12	-
DU06	WSP_2022c_TP46	TP46_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	12	-
DU06	WSP_2022c_TP46	TP46_1.0	03 Mar 2022	Normal	-	-	-	-	-	-	11	-
DU06	WSP_2022c_TP49	TP49_0.1	03 Mar 2022	Normal	-	-	-	-	-	-	17	-

DU06 - 1c: Soil Analytical Results – Direct Contact and Management Screening

											Parameters	
					Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Moisture Content	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%
EQL					0.05	0.05	0.05	0.05	0.05	0.5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU06	**WSP_2022c_TP49**	**TP49_1.0**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	16	-
DU06	**WSP_2022c_TP81**	**TP81_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	13	-
DU06	**WSP_2022c_TP81**	**TP81_1.0**	**03 Mar 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	15	-
DU06	**WSP_2022c_TP92**	**TP92_0.1**	**03 Mar 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	11	-
DU06	**WSP_2022c_TP92**	**TP92_1.0**	**03 Mar 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	7.3	-
DU06	**WSP_2022c_TP93**	**TP93_0.1**	**03 Mar 2022**	**Normal**	-	-	-	-	-	-	13	-
DU06	**WSP_2022c_TP93**	**TP93_1.0**	**03 Mar 2022**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<10	9.6	-
DU06	**WSP2024h_TP03**	**TP03_0.1**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	14
DU06	**WSP2024h_TP03**	**TP03_1.5**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	9.7
DU06	**WSP2024h_TP04**	**TP04_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	11
DU06	**WSP2024h_TP04**	**TP04_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	10
DU06	**WSP2024h_TP05**	**QA01**	**16 May 2024**	**Field_D**	-	-	-	-	-	-	-	8.8
DU06	**WSP2024h_TP05**	**QA01A**	**16 May 2024**	**Interlab_D**	-	-	-	-	-	-	8.7	-
DU06	**WSP2024h_TP05**	**TP05_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	9.1
DU06	**WSP2024h_TP05**	**TP05_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	11
DU06	**WSP2024h_TP06**	**TP06_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	10
DU06	**WSP2024h_TP06**	**TP06_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	10
DU06	**WSP2024h_TP07**	**TP07_0.2**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	10
DU06	**WSP2024h_TP07**	**TP07_1.0**	**16 May 2024**	**Normal**	-	-	-	-	-	-	-	10
DU06	**WSP2024h_TP12**	**TP12_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	8.5
DU06	**WSP2024h_TP12**	**TP12_1.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	9.5
DU06	**WSP2024h_TP13**	**TP13_0.2**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	10
DU06	**WSP2024h_TP13**	**TP13_2.0**	**15 May 2024**	**Normal**	-	-	-	-	-	-	-	15

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU06 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substa																	
					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]							50					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU06	WSP2024h_TP03	16 May 2024	TP03_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP03	16 May 2024	TP03_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP04	16 May 2024	TP04_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP04	16 May 2024	TP04_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP05	16 May 2024	QA01	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP05	16 May 2024	QA01A	Interlab_D	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	0.0004	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
DU06	WSP2024h_TP05	16 May 2024	TP05_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP05	16 May 2024	TP05_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP06	16 May 2024	TP06_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP06	16 May 2024	TP06_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP07	16 May 2024	TP07_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP07	16 May 2024	TP07_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP12	15 May 2024	TP12_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP12	15 May 2024	TP12_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP13	15 May 2024	TP13_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU06	WSP2024h_TP13	15 May 2024	TP13_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS
#2 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#3 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_PFAS NEMP_Overwrite - PFAS NEMP 2020 Industrial/ commercial (HIL D) value adopted

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU06 - 1d: Soil Analytical Results – PFAS Screening

					nces															
					Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial																	20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_0.1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP03**	**16 May 2024**	**TP03_1.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_0.2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP04**	**16 May 2024**	**TP04_1.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01**	**Field_D**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP05**	**16 May 2024**	**QA01A**	**Interlab_D**	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	0.0004	0.0004	-
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_0.2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP05**	**16 May 2024**	**TP05_1.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_0.2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP06**	**16 May 2024**	**TP06_1.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_0.2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP07**	**16 May 2024**	**TP07_1.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_0.2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP12**	**15 May 2024**	**TP12_1.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_0.2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005
DU06	**WSP2024h_TP13**	**15 May 2024**	**TP13_2.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS
#2 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#3 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_PFAS NEMP_Overwrite - PFAS NEMP 2020 Industrial/ comm

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU06 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos												
					Friable Asbestos (FA & AF)	Organic Fibres - Comment	Approximate Sample Mass	Asbestos from ACM in Soil	Asbestos Reported Result	ACM - Comment	FA- Comment	AF - Comment	Respirable Fibres - Comment	Synthetic Fibres - Comment	Mass ACM	Mass AF	Mass Asbestos in AF
					% (w/w)	Comment	g	%w/w	Comment	Comment	Comment	Comment	Comment	Comment	g	g	g
EQL																	
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					0.001[#1]			0.05									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.1	Normal	0.0000	1	963	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.1	Normal	0.0000	1	1,019.0	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.1	Normal	0.0000	1	1,108.0	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.1	Normal	0.0000	1	933	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP38	25 Feb 2020	TP38_0.1	Normal	0.0000	1	599	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP39	24 Feb 2020	TP39_0.1	Normal	0.0000	1	630	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP39	24 Feb 2020	TP39_0.3	Normal	0.0000	1	685	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP45	24 Feb 2020	TP45_0.1	Normal	0.0000	1	728	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP45	24 Feb 2020	TP45_0.3	Normal	0.0000	1	739	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP48	25 Feb 2020	TP48_0.1	Normal	0.0000	1	540	0.0000	1	1	1	1	1	-	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP48	25 Feb 2020	TP48_0.3	Normal	0.0000	1	606	0.0000	1	1	1	1	1	-	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP83	27 Feb 2020	TP83_0.1	Normal	0.0000	1	763	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP83	27 Feb 2020	TP83_0.3	Normal	0.0000	1	836	0.0000	1	1	1	1	1	1	0.0000	0.0000	0.0000
DU06	WSP2024h_TP03	16 May 2024	TP03_0.1	Normal	0	Organic fibres detected	806	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP03	16 May 2024	TP03_1.5	Normal	0	Organic fibres detected	810	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP04	16 May 2024	TP04_0.2	Normal	0	Organic fibres detected	836	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP04	16 May 2024	TP04_1.0	Normal	-	Organic fibres detected	-	-	Not detected	Not detected	Not detected	Not detected	-	Not detected	-	-	-
DU06	WSP2024h_TP05	16 May 2024	QA01	Normal	-	Organic fibres detected	-	-	Not detected	Not detected	Not detected	Not detected	-	Not detected	-	-	-
DU06	WSP2024h_TP05	16 May 2024	QA01A	Normal	-	Organic fibres detected	-	-	Not detected	Not detected	Not detected	Not detected	-	Not detected	-	-	-
DU06	WSP2024h_TP05	16 May 2024	TP05_0.2	Normal	0	Organic fibres detected	954	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP05	16 May 2024	TP05_1.0	Normal	0	Organic fibres detected	871	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP06	16 May 2024	TP06_0.2	Normal	0	Organic fibres detected	797	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP06	16 May 2024	TP06_1.0	Normal	-	Organic fibres detected	-	-	Not detected	Not detected	Not detected	Not detected	-	Not detected	-	-	-
DU06	WSP2024h_TP07	16 May 2024	TP07_0.2	Normal	0	Organic fibres detected	727	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP07	16 May 2024	TP07_1.0	Normal	0	Organic fibres detected	858	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP12	15 May 2024	TP12_0.2	Normal	0	Organic fibres detected	864	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP12	15 May 2024	TP12_1.0	Normal	-	Organic fibres detected	-	-	Not detected	Not detected	Not detected	Not detected	-	Not detected	-	-	-
DU06	WSP2024h_TP13	15 May 2024	TP13_0.2	Normal	0	Organic fibres detected	787	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP13	15 May 2024	TP13_1.5	Normal	0	Organic fibres detected	797	0	Not detected	Not detected	Not detected	Not detected	-	Not detected	0	0	0
DU06	WSP2024h_TP13	15 May 2024	TP13_2.0	Normal	-	Organic fibres detected	-	-	Not detected	-	Not detected	-	-	Not detected	-	-	-

Comments

#1 - Adopted the guideline value for FA and AF (separately)

DU06 - 1e: Soil Analytical Results – Asbestos Screening

					Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					g	g	g	g
EQL								
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**				
DU06	WSP_2021i_DHPS_TP10	10 Nov 2021	DHPS_TP10_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_DHPS_TP11	10 Nov 2021	DHPS_TP11_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_DHPS_TP8	10 Nov 2021	DHPS_TP8_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_DHPS_TP9	10 Nov 2021	DHPS_TP9_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP38	25 Feb 2020	TP38_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP39	24 Feb 2020	TP39_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP39	24 Feb 2020	TP39_0.3	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP45	24 Feb 2020	TP45_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP45	24 Feb 2020	TP45_0.3	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP48	25 Feb 2020	TP48_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP48	25 Feb 2020	TP48_0.3	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP83	27 Feb 2020	TP83_0.1	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP_2021i_TP83	27 Feb 2020	TP83_0.3	Normal	0.0000	0.0000	0.0000	0.0000
DU06	WSP2024h_TP03	16 May 2024	TP03_0.1	Normal	0	0	0	0
DU06	WSP2024h_TP03	16 May 2024	TP03_1.5	Normal	0	0	0	0
DU06	WSP2024h_TP04	16 May 2024	TP04_0.2	Normal	0	0	0	0
DU06	WSP2024h_TP04	16 May 2024	TP04_1.0	Normal	-	-	-	-
DU06	WSP2024h_TP05	16 May 2024	QA01	Normal	-	-	-	-
DU06	WSP2024h_TP05	16 May 2024	QA01A	Normal	-	-	-	-
DU06	WSP2024h_TP05	16 May 2024	TP05_0.2	Normal	0	0	0	0
DU06	WSP2024h_TP05	16 May 2024	TP05_1.0	Normal	0	0	0	0
DU06	WSP2024h_TP06	16 May 2024	TP06_0.2	Normal	0	0	0	0
DU06	WSP2024h_TP06	16 May 2024	TP06_1.0	Normal	-	-	-	-
DU06	WSP2024h_TP07	16 May 2024	TP07_0.2	Normal	0	0	0	0
DU06	WSP2024h_TP07	16 May 2024	TP07_1.0	Normal	0	0	0	0
DU06	WSP2024h_TP12	15 May 2024	TP12_0.2	Normal	0	0	0	0
DU06	WSP2024h_TP12	15 May 2024	TP12_1.0	Normal	-	-	-	-
DU06	WSP2024h_TP13	15 May 2024	TP13_0.2	Normal	0	0	0	0
DU06	WSP2024h_TP13	15 May 2024	TP13_1.5	Normal	0	0	0	0
DU06	WSP2024h_TP13	15 May 2024	TP13_2.0	Normal	-	-	-	-

Comments
#1 - Adopted the guideline value for FA and AF (separately)

DU07 - 1a: Historical Exceedances

N

Legend

- Culvert
- Stormwater pit
- SWS (buried)
- OWS service
- DU boundary

Investigations

- AECOM, 2023b
- AECOM, 2025c
- WSP, 2025j
- Asbestos detection

Aerial date: Jan 2025
Aerial source: Nearmaps

DU07 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m						260[#1]	NL [#2]												
>=1m, <2m						370	NL												
>=2m, <4m						630	NL												
>=4m						NL [#2]	NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m						**NL**	**NL**												
>=2m, <4m						**NL**	**NL**												
>=4m						**NL**	**NL**												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	-	<4	1	31
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	1	36
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	33
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	2.4	31
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.0	2.3	28
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	1	16
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	46
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	56
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	8

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be undertaken
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

				Metals							Monocyclic Aromatic Hydrocarbons					
			C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			10	10	1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m				260[#1]						3	NL [#2]	NL [#2]			230	
>=1m, <2m				370						3	NL	NL			NL [#2]	
>=2m, <4m				630						3	NL	NL			NL	
>=4m				NL [#2]						3	NL	NL			NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					240,000	1,500[#5]	730[#6]	6,000	400,000							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m				**NL**						**77**	**NL**	**NL**			**NL**	
>=2m, <4m				**NL**						**160**	**NL**	**NL**			**NL**	
>=4m				**NL**						**NL**	**NL**	**NL**			**NL**	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										5.1	47,000	25		2,800	2,500	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	69	26	0.3	18	147	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	230	250	0.2	24	2,000	<0.2	<0.5	<1	<2	<1	<1	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	200	318	0.2	36	2,230	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	198	318	0.1	28	2,540	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	210	140	0.3	62	810	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<5	5.1	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	6.7	7.9	<0.1	<5	57	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	160	110	0.3	53	680	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	96	70	0.2	36	436	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	49	30	0.7	28	271	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	116	30	1.3	34	428	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	22	17	<0.1	7	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.5	0.05	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m		260[#1]	NL [#2]					NL [#2]						
>=1m, <2m		370	NL					NL						
>=2m, <4m		630	NL					NL						
>=4m		NL [#2]	NL					NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m		**NL**	**NL**											
>=2m, <4m		**NL**	**NL**											
>=4m		**NL**	**NL**											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								8.6	3,000	60,000		45,000	230,000	30,000

Monitoring Zone	Location Code	Field ID	Date	Sample Type													
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	<0.05	<0.5	<0.5	<0.5	<0.1	-	-	<0.1	<0.1	<0.1	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<1	-	1.2	0.8	1.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons												
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	1	0.1	0.1	0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m						260[#1]	NL												
>=1m, <2m						370	NL												
>=2m, <4m						630	NL												
>=4m						NL [#2]	NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m						**NL**													
>=2m, <4m						**NL**													
>=4m						**NL**	**NL**												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									30,000	21	210			0.6	0.0084	2.1	2,100	23,000	0.1
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	<0.1	<0.1	<0.1	-	-	<0.2	-	-	<0.05	<0.1	<0.1	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	1.8	2.5	0.7	<0.5	0.8	-	-	-	0.7	0.5	2.3	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
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#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.1	0.1	0.1	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						4,000[#8]		240,000			25,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				2.1	21				5,800	41,000			2,500	16,000	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	9.3	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

							Phenolic Compounds										Other
			C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			10	10	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.001
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m				260[#1]													
>=1m, <2m				370													
>=2m, <4m				630													
>=4m				NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									660								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m				**NL**													
>=2m, <4m				**NL**													
>=4m				**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					82,000	210	82,000	66		1,600	1,600		820				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
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DU07 - 1b: Soil Analytical Results – Human Health Screening

			Acid Sulphate Soils - Liming Rate	NA		CRS-ph			CRS-Actual Acidity		CRS-Potential Acidity		CRS-Retained Aci		
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Cyprodinil	pHF	pHFOX (field peroxide test)	Reaction Rate	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)
	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg	pH Units	pH Units	Unit	mole H+/t	% pyrite S	%S	mole H+/t	%S	%S	mole H+/t
EQL	10	10	1	0.005	0.002	0.1	0.1	1	2	0.02	0.005	10	0.02	0.02	10
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)															

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

	dity				CRS-Acid Base Accounting	Polychlorinated Biphenyls									
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (acidity units)	Total PCBs	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene
	mg/kg	mg/kg	% S	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.02	0.02	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								27	0.83	0.72	0.95	0.94	0.97	0.99	7.5

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

			Chlorinated Hydrocarbons														
			C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			10	10	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m				260[#1]													
>=1m, <2m				370													
>=2m, <4m				630													
>=4m				NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														2,500			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m				**NL**													
>=2m, <4m				**NL**													
>=4m				**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					8		930					600			2,500		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
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#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

																	Organophosphorus Pesticides
				C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				10	10	0.005	0.05	0.05	0.002	0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m					260[#1]													
>=1m, <2m					370													
>=2m, <4m					630													
>=4m					NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							2,000											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m					**NL**													
>=2m, <4m					**NL**													
>=4m					**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						570		8,200					570	7.9	1,800	33	8.2	410
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	<0.1	<0.1	-	-	-	-	<0.1	<0.1	<0.1	-	-	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	-	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.002	0.002	0.1	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.2	0.02	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				210				16,000	35		2,300	4,900	210	160	

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	<0.1	-	-	<0.1	-	-	-	<0.1	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2	-	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
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#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.05	0.1	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				58,000	19	410		29			0.18	0.14		0.36	1.3

Monitoring Zone	Location Code	Field ID	Date	Sample Type														
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	<0.1	-	-	-	-	-	-	<0.1	<0.1	-	<0.1	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)					
		C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		10	10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m			260[#1]													
>=1m, <2m			370													
>=2m, <4m			630													
>=4m			NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								530				3,600	2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m			**NL**													
>=2m, <4m			**NL**													
>=4m			**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2.5	500	500		9.6	9.3	8.5					4,900
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.2	<0.05	-	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							0.33						1,800	1,300	23,000

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5	<0.5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
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#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

				Halogenated Aromatic Compounds													
		C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		10	10	0.5	0.5	0.5	0.5	0.5	0.5	5	5	5	5	5	5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m			260[#1]													
>=1m, <2m			370													
>=2m, <4m			630													
>=4m			NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m			**NL**													
>=2m, <4m			**NL**													
>=4m			**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				23,000	9,300		11	930	110	370	460	1.7	30	23,000	350,000	1,000
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<5	<5	<5	<5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
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#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

							Halogenated Aliphatic Compounds									
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				16	370	300	36,000		2.9	2	6	99	5	23,000	100

Monitoring Zone	Location Code	Field ID	Date	Sample Type														
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
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#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

												Trihalomethanes				
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			8.8	0.032	0.032	2.7	0.11	36	0.064	5.3	1.3	39	86	1.4	0.16
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
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#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

				Fumigants				Oxygenated Compounds	Physio-Chemical Parameters		Acid Sulphate Soils			PH		
				C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Butanone (MEK)	Moisture Content	Moisture Content (dried @ 103°C)	CRS Suite - Net Acidity (NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg
EQL				10	10	0.5	0.5	0.5	0.5	5	0.1	0.1	10	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m					260[#1]													
>=1m, <2m					370													
>=2m, <4m					630													
>=4m					NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m					**NL**													
>=2m, <4m					**NL**													
>=4m					**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						11				190,000						6,600		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	12.2	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	19.5	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	16	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	7.2	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	11.9	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	14	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	15	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	20	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	14	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	12.2	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	15.1	-	-	-	-	<0.02	<0.02	<0.02
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	16.2	-	-	-	-	<0.02	<0.02	<0.02
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.5	<0.5	<0.5	<0.5	-	15.2	-	-	-	-	<0.02	<0.02	<0.02

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

				Phenoxyacetic Acid Herbicides						SPOCAS			Carbamates	Fungicides			
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dicamba	Fluroxypyr	Mecoprop	Picloram	Triclopyr	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.02	0.02	0.02	0.02	0.02	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					5,000	35,000									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			25,000									41,000			1,600

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<0.02	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

																	Herbi
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004	0.02	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						5,000		9,000						5,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				82,000						7,400	2.7	11,000	27,000		120,000

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	-	-	<0.02	<0.02	<0.02	<0.02	-	-	-	-	<0.02	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered whe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (shou
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

	cides												Organic		
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran	Bendiocarb
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1	0.002	0.002	0.005	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m		260[#1]													
>=1m, <2m		370													
>=2m, <4m		630													
>=4m		NL [#2]													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							5,000								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m		**NL**													
>=2m, <4m		**NL**													
>=4m		**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			21,000	1,600	33,000	16,000			1,600	57,000	820	8,200			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	<0.02	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	<0.02	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	-	-	-	<0.02	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
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#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
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Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1b: Soil Analytical Results – Human Health Screening

							Pesticides							Multi-Residue Pesticides	Un-assigned
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol	Paclobutrazol
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							10	10	0.002	0.01	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m								260[#1]								
>=1m, <2m								370								
>=2m, <4m								630								
>=4m								NL [#2]								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m								**NL**								
>=2m, <4m								**NL**								
>=4m								**NL**								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									82,000	820	4,100	21,000	21,000			11,000
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
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#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	69	26
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	-	<4	1	31	230	250
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	1	36	200	318
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	33	198	318
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	2.4	31	210	140
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	5.1
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	6.7	7.9
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.0	2.3	28	160	110
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	1	16	96	70
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	46	49	30
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	56	116	30
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	8	22	17

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Monocyclic Aromatic Hydrocarbons															
						Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.5	0.05	0.5	0.5	0.5	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**430**	**99,000**	**27,000**			**81,000**							**11,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)									*1,100*	*120,000*	*85,000*			*130,000*		*29,000*						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	0.3	18	147	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	0.2	24	2,000	<0.2	<0.5	<1	<2	<1	<1	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	-	
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	0.2	36	2,230	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	0.1	28	2,540	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	0.3	62	810	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	-	0.6	<0.5	1.2	<0.5	-	
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	-	0.6	<0.5	1.2	<0.5	-	
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.1	<5	57	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	-	0.6	<0.5	1.2	<0.5	-	
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	0.3	53	680	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	-	0.6	<0.5	1.2	<0.5	-	
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	0.2	36	436	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	-	0.6	<0.5	1.2	<0.5	-	
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	0.7	28	271	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	1.3	34	428	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<0.1	7	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<1	-	1.2	0.8	1.5	<0.5	-	

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons															
					2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.2	-	-	<0.05	<0.1	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	1.8	2.5	0.7	<0.5	0.8	-	-	-	0.7	0.5	2.3

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																	Phenolic Compounds		
						3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.1	0.1	0.1	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	<0.5	<0.5	<0.5	9.3	-	-	-	-	-	-	-	-	-	-	-	-	-

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

											Other	Acid Sulphate Soils - Liming Rate	NA		CRS-ph			CRS-Actu
					4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Triazophos	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Cyprodinil	pHF	pHFOX (Field peroxide test)	Reaction Rate	Tittratable Actual Acidity
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg	pH Units	pH Units	Unit	mole H+/t
EQL					5	1	5	20	5	20	10	1	20	0.001	1	0.005	0.002	0.1	0.1	1	2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					al Acidity	CRS-Potential Acidity		CRS-Retained Acidity					CRS-Acid Base Accounting	Polychlorinated Biphenyls							
					sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (acidity units)	Total PCBs	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					% pyrite S	%S	mole H+/t	%S	%S	mole H+/t	% S	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.005	10	0.02	0.02	10	0.02	0.02	10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the releva

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Chlorinated Hydrocarbons														
					Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	2.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	-	-	-	-	<0.2	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the releva

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.002	0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.1	0.005	0.01	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<0.1	-	-	-	-	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-	-	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<0.05	-	-	-	-	<0.05	<0.05	<0.05	-	-	<0.05	-	-	-	-	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the releva

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.005	0.2	0.05	0.2	0.02	0.05	0.05	0.1	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	<0.1	-	-	-	-	<0.1	-	-	-	-	-	-	<0.1	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	<0.2	-	<0.2	<0.2	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the releva

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	<0.05	<0.05	<0.2	<0.05	-	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the releva

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Halogenated Aromatic Compounds						
					Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

| | | |

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Trihalomethanes				
					Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Fumigants				Oxygenated Compounds	Physio-Chemical Parameters		Acid Sulphate Soils			Phenoxyacetic Acid Herbicides						
					1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Butanone (MEK)	Moisture Content	Moisture Content (dried @ 103°C)	CRS Suite - Net Acidity - NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	0.1	0.1	10	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	12.2	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	19.5	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	7.2	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	11.9	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	12.2	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	15.1	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	16.2	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	15.2	-	-	-	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						SPOCAS			Carbamates	Fungicides												
					Triclopyr	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn
					mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	<0.02	-	-	-	-	-	-	-	-	-	-	-	<0.02	<0.02	<0.02	<0.02	-

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Herbicides														Organic	
					Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	Terbutylazine	3-Hydroxy Carbofuran
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1	0.002	0.002	0.005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	-	-	<0.02	-	-	-	-	-	<0.02	-	-	-	-	-	-

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NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Pesticides							Multi-Residue Pesticides	Un-assigned
					Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	Irgarol	Paclobutrazol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.002	0.01	0.002	0.002	0.002	0.002	0.001	0.01
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0.2_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_BH07**	**Zone3_BH7_0_250212**	**12 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-
DU07	**ZONE3_CPT5**	**ZONE3_CPT5_0_250207**	**07 Feb 2025**	**Normal**	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the releva

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU07 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	-	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	-	<0.0002	<0.0002	<0.0002	<0.0001	<0.0001
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	-	<0.0002	<0.001	<0.0002	<0.0002	<0.0002
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<0.0005	<0.0002	<0.0002	0.0004	<0.0002	0.0028	<0.0002	-	<0.001	<0.0002	<0.0002	<0.0002

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU07 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances											
					Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial					50											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<0.0001	0.0001	<0.0005	0.003	<0.0005	0.002	<0.005	<0.001	<0.001	<0.005	<0.001	<0.001
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<0.0002	<0.0002	<0.0002	0.0033	<0.0002	0.0026	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<0.0002	<0.0002	<0.0002	0.0026	<0.0002	0.0016	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0057	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	0.0002	0.0004	<0.0002	0.0007	<0.0002	0.0004	<0.0005	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU07 - 1d: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of PFAS (WA DER List)	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial												20				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**												
DU07	**S008-TP02**	**S008-TP02_0.1**	**11 Apr 2022**	**Normal**	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	0.0002	0.0002	0.0002	-	-
DU07	**S008-TP04**	**S008-TP04_0.3**	**11 Apr 2022**	**Normal**	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002	<0.0002	<0.0002	-	-
DU07	**S008-TP06**	**S008-SQA04_20220411**	**11 Apr 2022**	**Interlab_D**	<0.0002	<0.0002	<0.0001	<0.0001	<0.0002	<0.0002	-	0.0002	0.0056	-	-	-
DU07	**S008-TP06**	**S008-TP06_0.1**	**11 Apr 2022**	**Normal**	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002	0.0059	<0.0002	-	-
DU07	**S008-TP06**	**SQA03_20220411**	**11 Apr 2022**	**Field_D**	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	-	<0.0002	0.0042	<0.0002	-	-
DU07	**WSP2025j_PMW113**	**PMW113-0.1**	**20 Jan 2025**	**Normal**	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	-	<0.01	<0.005
DU07	**WSP2025j_PMW113**	**PMW113-0.5**	**20 Jan 2025**	**Normal**	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	-	<0.01	<0.005
DU07	**WSP2025j_PMW113**	**PMW113-1.0**	**20 Jan 2025**	**Normal**	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	-	<0.01	<0.005
DU07	**WSP2025j_PMW113**	**QC100**	**20 Jan 2025**	**Normal**	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	-	<0.01	<0.005
DU07	**WSP2025j_PMW113**	**QC101**	**21 Jan 2025**	**Normal**	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	0.0032	0.0049	-	0.0034	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

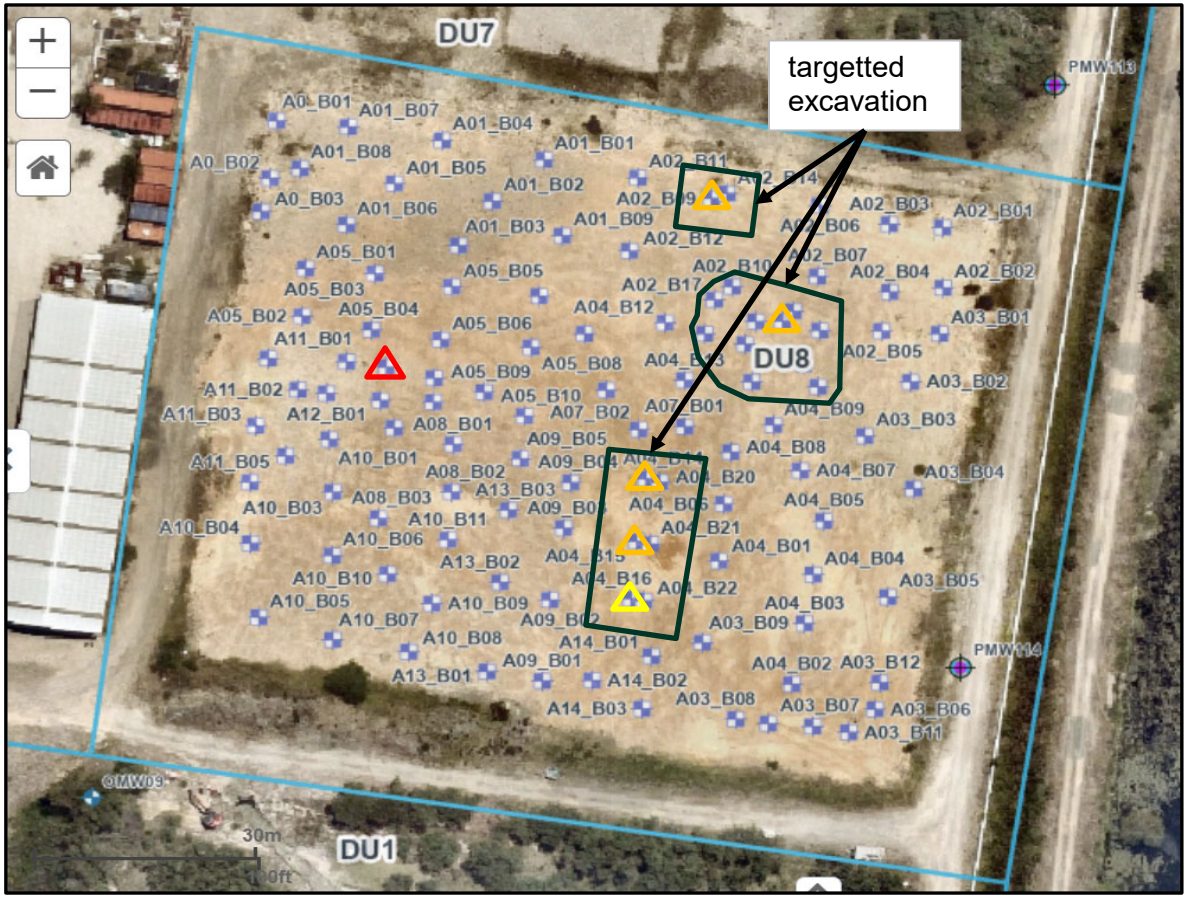
DU07 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos														
					Asbestos (ACM >7mm) Estimation_mass	Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation		Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Asbestos Type		Organic Fibre	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre
					g	-	g	%w/w	g	%(w/w)	% (w/w)	-	g/kg	g/kg	--	g/kg	g	Fibres	g	kg	g/kg
EQL									0.0004		0.001		0.1			0.1	0.0004	5	0.01	0.0001	0.1
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil											0.001										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU07	S008-TP01	S008-TP01_0.1	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	701	0.701	0 #2
DU07	S008-TP01	S008-TP01_0.3	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	641	0.641	0 #2
DU07	S008-TP02	S008-TP02_0.1	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	695	0.695	0 #2
DU07	S008-TP02	S008-TP02_0.3	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	580	0.580	0 #2
DU07	S008-TP03	S008-TP03_0.1	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	868	0.868	0 #2
DU07	S008-TP03	S008-TP03_0.3	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	705	0.705	0 #2
DU07	S008-TP04	S008-TP04_0.1	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	735	0.735	0 #2
DU07	S008-TP04	S008-TP04_0.3	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	742	0.742	0 #2
DU07	S008-TP04	S008-TP04_0.4-AS001	11 Apr 2022	Normal	-	-	-	-	-	-	-	1 #12	1 #4	-	1 #10	0 #2	-	1 #6	73.1	-	0 #2
DU07	S008-TP05	S008-TP05_0.1	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	780	0.780	0 #2
DU07	S008-TP05	S008-TP05_0.3	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	703	0.703	0 #2
DU07	S008-TP06	S008-TP06_0.1	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	698	0.698	0 #2
DU07	S008-TP06	S008-TP06_0.3	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	816	0.816	0 #2
DU07	S008-TP07	S008-TP07_0.1	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	823	0.823	0 #2
DU07	S008-TP07	S008-TP07_0.3	11 Apr 2022	Normal	-	-	-	-	<0.0004	-	<0.001	1 #11	0 #2	1 #3	-	0 #2	<0.0004	0 #2	738	0.738	0 #2
DU07	WSP2025j_PMW113	PMW113-0.1	20 Jan 2025	Normal	0	<100	-	0	-	-	-	-	No	-	-	-	-	-	-	-	-
DU07	WSP2025j_PMW113	PMW113-0.1	20 Jan 2025	Normal	-	-	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	WSP2025j_PMW113	PMW113-0.5	20 Jan 2025	Normal	0	<100	-	0	-	-	-	-	No	-	-	-	-	-	-	-	-
DU07	WSP2025j_PMW113	PMW113-0.5	20 Jan 2025	Normal	-	-	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-
DU07	ZONE3_BH07	Zone3_BH07_0.0m_250212	12 Feb 2025	Normal	-	-	0 #13	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-	-	-
DU07	ZONE3_BH07	Zone3_BH07_0.2m_250212	12 Feb 2025	Normal	-	-	0 #13	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-	-	-
DU07	ZONE3_CPT5	ZONE3_CPT05_0.0m_250207	04 Feb 2025	Normal	-	-	0 #13	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-	-	-

Comments
#1 J.SPOONER
#2 No
#3 -
#4 Yes
#5 Ch + Am + Cr
#6 N/A
#7 Ch
#8 No*
#9 B.SCHRADER
#10 Ch + Am
#11 J. SPOONER
#12 A. SMYLIE
#13 –

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU08 - 1a: Historical Exceedances



Legend

- Culvert
- Stormwater pit
- SWS (buried)
- OWS service
- DU boundary

Investigations

- WSP, 2025g
- WSP, 2025j

Exceedances

- ASB detection
- ASB AC exceedance
- AC exceedance

Refer to **Attachment 3b-e** for historical data extracts.

Aerial date: Jan 2025
Aerial source: Nearmaps

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals								Monocyclic Aromatic Hydrocarbon				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																									5.1[#9]	47,000[#9]	25[#9]		2,800[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	7.3	6.1	12	<0.1	<5	48	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	7.1	<5	7.1	<0.1	<5	27	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	9	5	10	<0.1	5.6	37	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	6.4	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	22	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	11	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	56	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal	<20	<20	<50	<50	140	<100	140	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	9.4	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	30	<5	0.1	<5	31	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	24	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	5.1	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal	<20	<20	<50	<50	180	<100	180	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal	<20	<20	<50	<50	200	<100	200	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal	<20	<20	<50	<50	110	<100	110	-	-	-	-	-	<2	0.9	<5	<5	<5	<0.1	<5	70	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~	~~<20~~	~~<20~~	~~250~~	~~250~~	~~700~~	~~110~~	~~1,060~~	-	-	-	-	-	~~<2~~	~~1.1~~	~~5.6~~	~~37~~	~~14~~	~~3.5~~	~~8.1~~	~~3,400~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~150~~	~~<100~~	~~150~~	-	-	-	-	-	~~<2~~	~~<0.4~~	~~<5~~	~~<5~~	~~<5~~	~~<0.1~~	~~<5~~	~~<5~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal	<20	<20	<50	<50	110	<100	110	-	-	-	-	-	2.6	<0.4	<5	10	6.7	0.5	<5	16	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	7.4	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	11	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	210	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	8.1	6.2	1.1	7.3	52	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	12	170	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	38	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.2	<0.4	<5	<5	<5	<0.1	<5	6.6	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.7	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	23	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	22	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	18	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	1.8	<5	9.9	<5	<0.1	7.2	100	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	7.5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.2	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.8	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal	<20	<20	50	50	380	<100	430	-	-	-	-	-	2.3	<0.4	9.5	33	43	0.4	<5	130	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.4	<0.4	<5	<5	<5	<0.1	<5	6.5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal	<20	<20	52	52	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals								Monocyclic Aromatic Hydrocarbon				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	5	5	0.1	0.1	0.1	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																									5.1[#9]	47,000[#9]	25[#9]		2,800[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																										
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.3	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5	7.7	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	15	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	7	<0.1	<0.1	<0.1	<0.2	<0.1
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~<100~~	~~<100~~	~~<100~~	-	-	-	-	-	~~3.4~~	~~0.4~~	~~<5~~	~~110~~	~~5~~	~~0.2~~	~~11~~	~~180~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~130~~	~~<100~~	~~130~~	-	-	-	-	-	~~<2~~	~~<0.4~~	~~<5~~	~~<5~~	~~<5~~	~~<0.1~~	~~<5~~	~~22~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~140~~	~~<100~~	~~140~~	-	-	-	-	-	~~<2~~	~~<0.4~~	~~<5~~	~~<5~~	~~<5~~	~~<0.1~~	~~<5~~	~~8.9~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	4	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.6	<0.4	7.4	<5	12	<0.1	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal	<20	<20	<50	<50	120	<100	120	-	-	-	-	-	2.6	<0.4	<5	7.3	6.4	0.1	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.6	<0.4	<5	<5	<5	<0.1	<5	15	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.7	<0.4	<5	<5	<5	<0.1	<5	7.1	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	48	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	16	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	31	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	36	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	93	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	26	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	13	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	7.8	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	13	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	0.5	<5	8.1	<5	0.2	19	240	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.6	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5	68	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	9.5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	15	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	7	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.9	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5	7.9	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	7.9	15	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.4	<0.4	<5	<5	<5	<0.1	<5	8.6	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal	<20	<20	68	68	160	<100	228	-	-	-	-	-	2.2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	21	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	62	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals								Monocyclic Aromatic Hydrocarbon				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																									5.1[#9]	47,000[#9]	25[#9]		2,800[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal	<20	<20	<50	<50	130	<100	130	-	-	-	-	-	<2	<0.4	<5	<5	7.2	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	7.3	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	12	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	31	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal	89	89	1,500	1,500	130	<100	1,630	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	31	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	4.5	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal	<20	<20	<50	<50	250	<100	250	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.2	<5	8.2	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.3	<5	8.5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.2	<5	5.9	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.6	<0.4	8.1	<5	16	<0.1	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.3	<0.4	7.8	<5	16	<0.1	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	10	6.8	19	<0.1	<5	35	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	6.7	<5	9.6	<0.1	<5	16	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.9	<0.4	10.0	<5	14	<0.1	<5	24	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	8.8	<5	19	<0.1	<5	28	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.2	<0.4	7.0	<5	9.8	<0.1	<5	21	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.6	<0.4	8.2	5.4	14	<0.1	<5	40	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	8.7	6.5	20	<0.1	<5	41	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.7	<0.4	6.6	<5	11	<0.1	<5	30	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	7.2	<5	14	<0.1	<5	33	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.6	<0.4	7.5	<5	12	<0.1	<5	42	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.4	<0.4	6.9	<5	12	<0.1	<5	26	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.6	<0.4	7.1	<5	13	<0.1	<5	30	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.3	<0.4	12	<5	20	<0.1	5.9	53	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.1	<0.4	12	6.9	22	<0.1	5.7	53	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	9.7	<5	15	<0.1	5.1	51	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.8	<0.4	10	<5	18	<0.1	<5	38	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.3	<0.4	9.7	<5	15	<0.1	<5	36	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	9.4	<5	16	<0.1	<5	41	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	6.6	<5	11	<0.1	<5	27	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.8	<0.4	11	5.2	19	<0.1	5.2	53	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	8.6	<5	16	<0.1	<5	32	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.9	<0.4	11	<5	17	<0.1	5.2	43	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.9	<0.4	15	5.5	32	<0.1	7.5	67	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	10	<5	17	<0.1	<5	37	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	9.3	<5	14	<0.1	<5	34	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.8	<0.4	20	5.6	16	<0.1	6.5	44	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.1	<0.4	9.0	7.4	20	<0.1	<5	49	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.9	<0.4	8.3	<5	19	<0.1	<5	32	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	6.9	<5	11	<0.1	<5	26	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.6	<0.4	9.2	<5	25	<0.1	<5	39	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.3	<0.4	8.2	<5	12	<0.1	<5	28	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	7.8	<5	13	<0.1	<5	40	<0.1	<0.1	<0.1	<0.2	<0.1

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals								Monocyclic Aromatic Hydrocarbon				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	5	5	0.1	0.1	0.1	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																									5.1[#9]	47,000[#9]	25[#9]		2,800[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.3	<0.4	10	7.5	16	<0.1	<5	52	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	7.5	<5	15	<0.1	<5	36	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.4	<0.4	6.2	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.5	<0.4	6.6	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.3	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.7	<0.4	8.8	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.8	<0.4	5.8	<5	5.2	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	13	<0.4	15	<5	6.6	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.8	<0.4	11	<5	5.4	<0.1	<5	5.8	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5	<5	<0.1	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	6.9	<0.1	<5	15	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	5.5	<5	6.8	<0.1	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	5.3	<0.1	<5	9.6	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	9.7	5.9	9.7	<0.1	<5	30	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5	8.1	<0.1	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	6.3	<5	6.6	<0.1	<5	15	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	8.8	<0.1	<5	27	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	6.4	<0.1	<5	8.6	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	8.8	<5	17	<0.1	<5	13	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	6.3	<0.1	<5	23	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.6	<0.4	7.8	<5	9.7	<0.1	<5	24	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	7.0	<0.1	<5	13	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	11	<0.1	<5	14	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	5.9	<0.1	<5	11	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.3	<0.4	<5	<5	5.1	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.0	<0.4	6.1	<5	5.3	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.1	<0.4	7.2	<5	6.1	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	6.6	<0.4	10	<5	5.5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.3	<0.4	8.6	<5	5.0	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	43	43	<5	0.1	190	75	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	6.0	8.0	11	0.3	<5	23	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	<0.4	<5	<5	<5	0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.9	0.5	49	300	300	0.3	75	1,800.0	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	6.9	9.7	11	0.2	5.6	56	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	37	58	<5	0.2	210	76	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.0	<0.4	<5	<5	<5	0.2	<5	8.0	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP04	25 Mar 2022	TP04_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	11	8.5	14	<0.1	12	29	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	5.4	6.1	0.2	<5	22	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	6.2	<0.4	6.9	11	11	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.0	<0.4	<5	5.2	8.3	<0.1	<5	8.9	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	6.2	<0.4	7.2	<5	12	<0.1	<5	7.2	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.5	<0.4	<5	<5	7.5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	7.3	<0.4	<5	<5	15	<0.1	<5	35	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.8	<0.4	<5	<5	7.6	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.1	<0.4	<5	<5	8.7	<0.1	<5	16	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.7	<0.4	<5	<5	8.6	<0.1	<5	5.5	<0.1	<0.1	<0.1	<0.2	<0.1

DU08 - 1b: Soil Analytical Results – Human Health Screening

									Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals							Monocyclic Aromatic Hydrocarbon				
									C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2	5	0.1	0.1	0.1	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																													5.1[#9]	47,000[#9]	25[#9]		2,800[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																												
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.1_1.2)	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	11	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.2_1.3)	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	30	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.3_1.4)	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	33	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.1_1.2)	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.7	<0.4	<5	<5	10	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.3_1.4)	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.9	<0.4	<5	<5	14	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.4_1.5)	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	11	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.1	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.8	<0.4	19	73	28	0.4	18	190	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.6	18	110	100	78	0.4	130	420	<0.1	<0.1	<0.1	<0.2	<0.1
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-2.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	<5	<5	<5	<0.1	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU08 - 1b: Soil Analytical Results – Human Health Screening

			$		Polynuclear Aromatic Hydrocarbons																							
			Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]																		4,000[#8]		240,000
CRC Care 2011 Table B3 Soil HSL Int. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~	~~<0.3~~	~~-~~	~~-~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<1~~	~~-~~	~~-~~
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~	~~<0.3~~	~~-~~	~~-~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~-~~
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

				$		Polynuclear Aromatic Hydrocarbons																								
				Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						40[#7]	40[#7]	40[#7]																			4,000[#8]		240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																										
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~	~~<0.3~~	~~-~~	~~-~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~-~~
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~	~~<0.3~~	~~-~~	~~-~~	~~<1~~	~~-~~	~~<0.5~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~-~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~-~~	~~-~~
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~	~~<0.3~~	~~-~~	~~-~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~-~~
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

			$		Polynuclear Aromatic Hydrocarbons																								
			Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]																			4,000[#8]		240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	-	-
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

				$		Polynuclear Aromatic Hydrocarbons																							
				Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						40[#7]	40[#7]	40[#7]																		4,000[#8]		240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

			s		Polynuclear Aromatic Hydrocarbons																								
			Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]																		4,000[#8]		240,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			2,500[#9]					8.6[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.1_1.2)	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.2_1.3)	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.3_1.4)	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.1_1.2)	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.3_1.4)	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.4_1.5)	Normal	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.1	Normal	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.5	Normal	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-2.0	Normal	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be co
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailabili
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considere
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multip
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Phenolic Compounds																	NA				
					2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							25,000									660												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		1,600[#9]	1,600[#9]		820[#9]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Phenolic Compounds																	NA				
					2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							25,000									660												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		1,600[#9]	1,600[#9]		820[#9]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Phenolic Compounds																	NA				
					2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							25,000									660												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		1,600[#9]	1,600[#9]		820[#9]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Phenolic Compounds																	NA				
					2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							25,000									660											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		1,600[#9]	1,600[#9]		820[#9]							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000022	<0.000005	0.000018	0.00012	0.000008
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.000005	<0.000005	<0.000005	0.0025	<0.000005
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

						Phenolic Compounds																	NA				
						2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								25,000									660											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		1,600[#9]	1,600[#9]		820[#9]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.1_1.2)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.2_1.3)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.3_1.4)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.1_1.2)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.3_1.4)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.4_1.5)**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.1**	**Normal**		<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.5**	**Normal**		<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-2.0**	**Normal**		<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be co
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailabili
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considere
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multip
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU08 - 1b: Soil Analytical Results – Human Health Screening

						Polychlorinated Biphenyls																							
						Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos
						mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							3,500[#9]			27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]		8,200[#9]				570[#9]	7.9[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

						Polychlorinated Biphenyls																						
						Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos
						mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							3,500[#9]			27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]		8,200[#9]				570[#9]	7.9[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																										
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

						Polychlorinated Biphenyls																							
						Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos
						mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							3,500[#9]			27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]		8,200[#9]				570[#9]	7.9[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

								Polychlorinated Biphenyls																							
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																						2,000								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						3,500[#9]			27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]		8,200[#9]				570[#9]	7.9[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																										
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	<0.000005	<0.005	<0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_1.6	Normal	<0.000005	<0.005	<0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Polychlorinated Biphenyls																						
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						3,500[#9]			27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]		8,200[#9]				570[#9]	7.9[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.1_1.2)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.2_1.3)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.3_1.4)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.1_1.2)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.3_1.4)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.4_1.5)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.1**	**Normal**	-	-	-	<0.1	-	-	-	-	-	-	-	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.5**	**Normal**	-	-	-	<0.1	-	-	-	-	-	-	-	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-2.0**	**Normal**	-	-	-	<0.1	-	-	-	-	-	-	-	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be co
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailabili
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considere
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multip
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU08 - 1b: Soil Analytical Results – Human Health Screening

											Organophosphorus Pesticides (OP)																	
											Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																													
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)											1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]	4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

						Organophosphorus Pesticides (OP)																						
						Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																												45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]	4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																										
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

												Organophosphorus Pesticides (OP)																
												Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																																	45			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]	4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																																
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

												Organophosphorus Pesticides (OP)																
												Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																																	45			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]	4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																																
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

												Organophosphorus Pesticides (OP)																
						Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																												45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]	4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																										
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.1_1.2)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.2_1.3)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.3_1.4)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.1_1.2)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.3_1.4)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.4_1.5)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-2.0**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be co
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailabili
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considere
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multip
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU08 - 1b: Soil Analytical Results – Human Health Screening

								Organochlorine Pesticides (OC)																Physio-Chemical
								d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										530				3,600				100			50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]				4,900[#9]					0.33[#9]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

								Organochlorine Pesticides (OC)																Physio-Chemical
								d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										530				3,600				100			50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]				4,900[#9]					0.33[#9]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Organochlorine Pesticides (OC)																				Physio-Chemical
					d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							530				3,600				100			50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]				4,900[#9]					0.33[#9]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																					
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Organochlorine Pesticides (OC)																				Physio-Chemical
					d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							530				3,600				100			50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]				4,900[#9]					0.33[#9]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																					
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	-	-	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_1.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1b: Soil Analytical Results – Human Health Screening

					Organochlorine Pesticides (OC)																				Physio-Chemical
					d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							530				3,600				100			50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]				4,900[#9]					0.33[#9]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																					
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.1_1.2)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.2_1.3)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**21 Oct 2022**	**TP01(1.3_1.4)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.1_1.2)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.3_1.4)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**21 Oct 2022**	**TP02(1.4_1.5)**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.1**	**Normal**	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	13
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.5**	**Normal**	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	19
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-2.0**	**Normal**	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	18

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be co
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailabili
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considere
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multip
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A0-B01	A0-B01	28 Jun 2022	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	7.3	6.1	12	<0.1	<5
DU08	WSP2025g_A0-B02	A0-B02	28 Jun 2022	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	7.1	<5	7.1	<0.1	<5
DU08	WSP2025g_A0-B03	A0-B03	28 Jun 2022	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	9	5	10	<0.1	5.6
DU08	WSP2025g_A01_B01	A01_B01	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A01_B02	A01_B02	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A01_B03	A01_B03	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A01_B04	A01_B04	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A01_B05	A01_B05	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A01_B06	A01_B06	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A01_B07	A01_B07	02 Nov 2021	Normal	<20	<20	<50	<50	140	<100	140	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A01_B08	A01_B08	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	30	<5	0.1	<5
DU08	WSP2025g_A01_B09	A01_B09	06 May 2022	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B01	A02_B01	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	5.1	<0.1	<5
DU08	WSP2025g_A02_B02	A02_B02	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B03	A02_B03	07 Oct 2021	Normal	<20	<20	<50	<50	180	<100	180	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B04	A02_B04	07 Oct 2021	Normal	<20	<20	<50	<50	200	<100	200	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B05	A02_B05	07 Oct 2021	Normal	<20	<20	<50	<50	110	<100	110	-	-	-	-	-	<2	0.9	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B06	A02_B06	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B07	A02_B07	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
~~DU08~~	~~WSP2025g_A02_B08~~	~~A02_B08~~	~~07 Oct 2021~~	~~Normal~~	~~<20~~	~~<20~~	~~250~~	~~250~~	~~700~~	~~110~~	~~1,060~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~<2~~	~~1.1~~	~~5.6~~	~~37~~	~~14~~	~~3.5~~	~~8.1~~
~~DU08~~	~~WSP2025g_A02_B09~~	~~A02_B09~~	~~07 Oct 2021~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~150~~	~~<100~~	~~150~~	-	-	-	-	-	~~<2~~	~~<0.4~~	~~<5~~	~~<5~~	~~<5~~	~~<0.1~~	~~<5~~
DU08	WSP2025g_A02_B10	A02_B10	07 Oct 2021	Normal	<20	<20	<50	<50	110	<100	110	-	-	-	-	-	2.6	<0.4	<5	10	6.7	0.5	<5
DU08	WSP2025g_A02_B11	A02_B11	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B12	A02_B12	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B13	A02_B13	22 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	11	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B14	A02_B14	22 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B15	A02_B15	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A02_B16	A02_B16	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	8.1	6.2	1.1	7.3
DU08	WSP2025g_A02_B17	A02_B17	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	12
DU08	WSP2025g_A03_B01	A03_B01	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B02	A03_B02	28 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B03	A03_B03	28 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.7	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B04	A03_B04	28 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B05	A03_B05	21 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B06	A03_B06	21 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B07	A03_B07	21 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B08	A03_B08	21 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	1.8	<5	9.9	<5	<0.1	7.2
DU08	WSP2025g_A03_B09	A03_B09	21 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B10	A03_B10	18 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A03_B11	A03_B11	18 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A03_B12	A03_B12	18 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B01	A04_B01	22 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.1	<5
DU08	WSP2025g_A04_B02	A04_B02	22 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B03	A04_B03	22 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B04	A04_B04	22 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.2	<5
DU08	WSP2025g_A04_B05	A04_B05	22 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.8	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B06	A04_B06	28 Sep 2021	Normal	<20	<20	50	50	380	<100	430	-	-	-	-	-	2.3	<0.4	9.5	33	43	0.4	<5
DU08	WSP2025g_A04_B07	A04_B07	28 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.4	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B08	A04_B08	28 Sep 2021	Normal	<20	<20	52	52	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B09	A04_B09	28 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.3	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B10	A04_B10	28 Sep 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B11	A04_B11	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B12	A04_B12	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B13	A04_B13	07 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
~~DU08~~	~~WSP2025g_A04_B14~~	~~A04_B14~~	~~28 Oct 2021~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~<100~~	~~<100~~	~~<100~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~3.4~~	~~0.4~~	~~<5~~	~~110~~	~~5~~	~~0.2~~	~~11~~
~~DU08~~	~~WSP2025g_A04_B15~~	~~A04_B15~~	~~28 Oct 2021~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~130~~	~~<100~~	~~130~~	-	-	-	-	-	~~<2~~	~~<0.4~~	~~<5~~	~~<5~~	~~<5~~	~~<0.1~~	~~<5~~
~~DU08~~	~~WSP2025g_A04_B16~~	~~A04_B16~~	~~28 Oct 2021~~	~~Normal~~	~~<20~~	~~<20~~	~~<50~~	~~<50~~	~~140~~	~~<100~~	~~140~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~<2~~	~~<0.4~~	~~<5~~	~~<5~~	~~<5~~	~~<0.1~~	~~<5~~
DU08	WSP2025g_A04_B17	A04_B17	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	4	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B18	A04_B18	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B19	A04_B19	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.6	<0.4	7.4	<5	12	<0.1	<5
DU08	WSP2025g_A04_B20	A04_B20	14 Dec 2021	Normal	<20	<20	<50	<50	120	<100	120	-	-	-	-	-	2.6	<0.4	<5	7.3	6.4	0.1	<5
DU08	WSP2025g_A04_B21	A04_B21	14 Dec 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.6	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A04_B22	A04_B22	14 Dec 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.7	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B01	A05_B01	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B02	A05_B02	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B03	A05_B03	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B04	A05_B04	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B05	A05_B05	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B06	A05_B06	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B07	A05_B07	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B08	A05_B08	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B09	A05_B09	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05_B10	A05_B10	02 Nov 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A05-B11	A05-B11	06 May 2022	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A07_B01	A07_B01	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A07_B02	A07_B02	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	0.5	<5	8.1	<5	0.2	19
DU08	WSP2025g_A07_B03	A07_B03	28 Oct 2021	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_A08_B01	A08_B01	28 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	**WSP2025g_A08_B02**	**A08_B02**	**28 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A08_B03**	**A08_B03**	**28 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A09-B01**	**A09-B01**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.6	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A09-B02**	**A09-B02**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A09-B03**	**A09-B03**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A09-B04**	**A09-B04**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A09-B05**	**A09-B05**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B01**	**A10-B01**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B02**	**A10-B02**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B03**	**A10-B03**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B04**	**A10-B04**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.1	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B05**	**A10-B05**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.9	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B06**	**A10-B06**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	2.4	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B07**	**A10-B07**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	7.9
DU08	**WSP2025g_A10-B08**	**A10-B08**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B09**	**A10-B09**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.4	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B10**	**A10-B10**	**06 May 2022**	**Normal**	<20	<20	68	68	160	<100	228	-	-	-	-	-	2.2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A10-B11**	**A10-B11**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A11_B01**	**A11_B01**	**02 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A11_B02**	**A11_B02**	**02 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A11_B03**	**A11_B03**	**02 Nov 2021**	**Normal**	<20	<20	<50	<50	130	<100	130	-	-	-	-	-	<2	<0.4	<5	<5	7.2	<0.1	<5
DU08	**WSP2025g_A11_B04**	**A11_B04**	**02 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A11_B05**	**A11_B05**	**02 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A12_B01**	**A12_B01**	**28 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A12_B02**	**A12_B02**	**29 Mar 2022**	**Normal**	89	89	1,500	1,500	130	<100	1,630	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A12_B03**	**A12_B03**	**30 Mar 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A12-B04**	**A12-B04**	**05 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A12-B05**	**A12-B05**	**05 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A12-B06**	**A12-B06**	**05 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A13-B01**	**A13-B01**	**05 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A13-B02**	**A13-B02**	**05 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A13-B03**	**A13-B03**	**05 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	4.5	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_A14-B01**	**A14-B01**	**06 May 2022**	**Normal**	<20	<20	<50	<50	250	<100	250	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.2	<5
DU08	**WSP2025g_A14-B02**	**A14-B02**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.3	<5
DU08	**WSP2025g_A14-B03**	**A14-B03**	**06 May 2022**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	<0.4	<5	<5	<5	0.2	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM01**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.6	<0.4	8.1	<5	16	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM02**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.3	<0.4	7.8	<5	16	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM03**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	10	6.8	19	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM04**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	6.7	<5	9.6	<0.1	<5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM05**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.9	<0.4	10.0	<5	14	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM06**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	8.8	<5	19	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM07**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.2	<0.4	7.0	<5	9.8	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM08**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.6	<0.4	8.2	5.4	14	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM09**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	8.7	6.5	20	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM10**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.7	<0.4	6.6	<5	11	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM11**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	7.2	<5	14	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM12**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.6	<0.4	7.5	<5	12	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM13**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.4	<0.4	6.9	<5	12	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM14**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.6	<0.4	7.1	<5	13	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM15**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.3	<0.4	12	<5	20	<0.1	5.9
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM16**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.1	<0.4	12	6.9	22	<0.1	5.7
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM17**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	9.7	<5	15	<0.1	5.1
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM18**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.8	<0.4	10	<5	18	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM19**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.3	<0.4	9.7	<5	15	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM20**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	9.4	<5	16	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM21**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	6.6	<5	11	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM22**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.8	<0.4	11	5.2	19	<0.1	5.2
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM23**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	8.6	<5	16	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM24**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.9	<0.4	11	<5	17	<0.1	5.2
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM25**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.9	<0.4	15	5.5	32	<0.1	7.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM26**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	10	<5	17	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM27**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	9.3	<5	14	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM28**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.8	<0.4	20	5.6	16	<0.1	6.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM29**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.1	<0.4	9.0	7.4	20	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM30**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.9	<0.4	8.3	<5	19	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM31**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	6.9	<5	11	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM32**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.6	<0.4	9.2	<5	25	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM33**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.3	<0.4	8.2	<5	12	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM34**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	7.8	<5	13	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM35**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.3	<0.4	10	7.5	16	<0.1	<5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM36**	**23 Nov 2021**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.0	<0.4	7.5	<5	15	<0.1	<5
DU08	**WSP2025g_QSP1**	**QSP1-1**	**11 Nov 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.4	<0.4	6.2	<5	<5	<0.1	<5
DU08	**WSP2025g_QSP1**	**QSP1-2**	**11 Nov 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.5	<0.4	6.6	<5	<5	<0.1	<5
DU08	**WSP2025g_QSP1**	**QSP1-3**	**11 Nov 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.3	<0.4	<5	<5	<5	<0.1	<5
DU08	**WSP2025g_QSP1**	**QSP1-4**	**11 Nov 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.7	<0.4	8.8	<5	<5	<0.1	<5
DU08	**WSP2025g_QSP2**	**QSP2-1**	**01 Dec 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.8	<0.4	5.8	<5	5.2	<0.1	<5
DU08	**WSP2025g_QSP2**	**QSP2-2**	**01 Dec 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	13	<0.4	15	<5	6.6	<0.1	<5
DU08	**WSP2025g_QSP2**	**QSP2-3**	**01 Dec 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.8	<0.4	11	<5	5.4	<0.1	<5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	6.9	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	5.5	<5	6.8	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	5.3	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	9.7	5.9	9.7	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5	8.1	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.8	<0.4	6.3	<5	6.6	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	8.8	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	6.4	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.4	<0.4	8.8	<5	17	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	6.3	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	3.6	<0.4	7.8	<5	9.7	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	7.0	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	11	<0.1	<5
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	5.9	<0.1	<5
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.3	<0.4	<5	<5	5.1	<0.1	<5
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.0	<0.4	6.1	<5	5.3	<0.1	<5
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.1	<0.4	7.2	<5	6.1	<0.1	<5
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	6.6	<0.4	10	<5	5.5	<0.1	<5
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.1	<0.4	<5	<5	<5	<0.1	<5
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.3	<0.4	8.6	<5	5.0	<0.1	<5
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	43	43	<5	0.1	190
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	6.0	8.0	11	0.3	<5
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	<0.4	<5	<5	<5	0.1	<5
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.9	0.5	49	300	300	0.3	75
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	6.9	9.7	11	0.2	5.6
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	37	58	<5	0.2	210
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.0	<0.4	<5	<5	<5	0.2	<5
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	11	8.5	14	<0.1	12
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	5.4	6.1	0.2	<5
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	6.2	<0.4	6.9	11	11	<0.1	<5
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.0	<0.4	<5	5.2	8.3	<0.1	<5
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	6.2	<0.4	7.2	<5	12	<0.1	<5
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.5	<0.4	<5	<5	7.5	<0.1	<5
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	7.3	<0.4	<5	<5	15	<0.1	<5
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.8	<0.4	<5	<5	7.6	<0.1	<5
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	5.1	<0.4	<5	<5	8.7	<0.1	<5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	2	5	5	0.1	2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	**WSP2025g_VENM**	**VENM8**	**14 Nov 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	4.7	<0.4	<5	<5	8.6	<0.1	<5
DU08	**WSP2025gB4_TP01**	**TP01(1.1_1.2)**	**21 Oct 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	11	<0.1	<5
DU08	**WSP2025gB4_TP01**	**TP01(1.2_1.3)**	**21 Oct 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	30	<0.1	<5
DU08	**WSP2025gB4_TP01**	**TP01(1.3_1.4)**	**21 Oct 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	33	<0.1	<5
DU08	**WSP2025gB4_TP02**	**TP02(1.1_1.2)**	**21 Oct 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.7	<0.4	<5	<5	10	<0.1	<5
DU08	**WSP2025gB4_TP02**	**TP02(1.3_1.4)**	**21 Oct 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	2.9	<0.4	<5	<5	14	<0.1	<5
DU08	**WSP2025gB4_TP02**	**TP02(1.4_1.5)**	**21 Oct 2022**	**Normal**	<20	<20	<50	<50	<100	<100	-	<20	<20	<50	<50	<50	<2	<0.4	<5	<5	11	<0.1	<5
DU08	**WSP2025j_PMW114**	**PMW114-0.1**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.8	<0.4	19	73	28	0.4	18
DU08	**WSP2025j_PMW114**	**PMW114-0.5**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.6	18	110	100	78	0.4	130
DU08	**WSP2025j_PMW114**	**PMW114-2.0**	**20 Jan 2025**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	<5	<5	<5	<0.1	<5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons							Polynuclear A								
						Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**					**11,000**						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*	*29,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	**WSP2025g_A0-B01**	**A0-B01**	**28 Jun 2022**	**Normal**	48	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A0-B02**	**A0-B02**	**28 Jun 2022**	**Normal**	27	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A0-B03**	**A0-B03**	**28 Jun 2022**	**Normal**	37	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B01**	**A01_B01**	**02 Nov 2021**	**Normal**	6.4	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B02**	**A01_B02**	**02 Nov 2021**	**Normal**	22	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B03**	**A01_B03**	**02 Nov 2021**	**Normal**	11	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B04**	**A01_B04**	**02 Nov 2021**	**Normal**	56	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B05**	**A01_B05**	**02 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B06**	**A01_B06**	**02 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B07**	**A01_B07**	**02 Nov 2021**	**Normal**	9.4	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B08**	**A01_B08**	**02 Nov 2021**	**Normal**	31	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A01_B09**	**A01_B09**	**06 May 2022**	**Normal**	24	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B01**	**A02_B01**	**07 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B02**	**A02_B02**	**07 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B03**	**A02_B03**	**07 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B04**	**A02_B04**	**07 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B05**	**A02_B05**	**07 Oct 2021**	**Normal**	70	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B06**	**A02_B06**	**07 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B07**	**A02_B07**	**07 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
~~**DU08**~~	~~**WSP2025g_A02_B08**~~	~~**A02_B08**~~	~~**07 Oct 2021**~~	~~**Normal**~~	~~3,400~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~	~~<0.3~~	-	-	~~<0.5~~	-	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	-	~~<0.5~~
~~**DU08**~~	~~**WSP2025g_A02_B09**~~	~~**A02_B09**~~	~~**07 Oct 2021**~~	~~**Normal**~~	~~<5~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~	~~<0.3~~	-	-	~~<0.5~~	-	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	-	~~<0.5~~
DU08	**WSP2025g_A02_B10**	**A02_B10**	**07 Oct 2021**	**Normal**	16	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B11**	**A02_B11**	**07 Oct 2021**	**Normal**	7.4	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B12**	**A02_B12**	**07 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B13**	**A02_B13**	**22 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B14**	**A02_B14**	**22 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B15**	**A02_B15**	**28 Oct 2021**	**Normal**	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B16**	**A02_B16**	**28 Oct 2021**	**Normal**	52	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A02_B17**	**A02_B17**	**28 Oct 2021**	**Normal**	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B01**	**A03_B01**	**07 Oct 2021**	**Normal**	38	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B02**	**A03_B02**	**28 Sep 2021**	**Normal**	6.6	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B03**	**A03_B03**	**28 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B04**	**A03_B04**	**28 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B05**	**A03_B05**	**21 Sep 2021**	**Normal**	23	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B06**	**A03_B06**	**21 Sep 2021**	**Normal**	22	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B07**	**A03_B07**	**21 Sep 2021**	**Normal**	18	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B08**	**A03_B08**	**21 Sep 2021**	**Normal**	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B09**	**A03_B09**	**21 Sep 2021**	**Normal**	7.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B10**	**A03_B10**	**18 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Monocyclic Aromatic Hydrocarbons							Polynuclear A									
					Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**430**	**99,000**	**27,000**			**81,000**					**11,000**					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*1,100*	*120,000*	*85,000*			*130,000*	*29,000*									
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU08	**WSP2025g_A03_B11**	**A03_B11**	**18 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A03_B12**	**A03_B12**	**18 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B01**	**A04_B01**	**22 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B02**	**A04_B02**	**22 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B03**	**A04_B03**	**22 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B04**	**A04_B04**	**22 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B05**	**A04_B05**	**22 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B06**	**A04_B06**	**28 Sep 2021**	**Normal**	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B07**	**A04_B07**	**28 Sep 2021**	**Normal**	6.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B08**	**A04_B08**	**28 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B09**	**A04_B09**	**28 Sep 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B10**	**A04_B10**	**28 Sep 2021**	**Normal**	7.7	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B11**	**A04_B11**	**07 Oct 2021**	**Normal**	15	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B12**	**A04_B12**	**07 Oct 2021**	**Normal**	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B13**	**A04_B13**	**07 Oct 2021**	**Normal**	7	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
~~**DU08**~~	~~**WSP2025g_A04_B14**~~	~~**A04_B14**~~	~~**28 Oct 2021**~~	~~**Normal**~~	~~180~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~	~~<0.3~~	~~-~~	~~-~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~<0.5~~
~~**DU08**~~	~~**WSP2025g_A04_B15**~~	~~**A04_B15**~~	~~**28 Oct 2021**~~	~~**Normal**~~	~~22~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~	~~<0.3~~	~~-~~	-	~~<1~~	-	~~<0.5~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	-	~~<1~~
~~**DU08**~~	~~**WSP2025g_A04_B16**~~	~~**A04_B16**~~	~~**28 Oct 2021**~~	~~**Normal**~~	~~8.9~~	~~<0.1~~	~~<0.1~~	~~<0.1~~	~~<0.2~~	~~<0.1~~	~~<0.3~~	~~-~~	~~-~~	~~<0.5~~	~~-~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~-~~	~~<0.5~~
DU08	**WSP2025g_A04_B17**	**A04_B17**	**28 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B18**	**A04_B18**	**28 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B19**	**A04_B19**	**28 Oct 2021**	**Normal**	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B20**	**A04_B20**	**14 Dec 2021**	**Normal**	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B21**	**A04_B21**	**14 Dec 2021**	**Normal**	15	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A04_B22**	**A04_B22**	**14 Dec 2021**	**Normal**	7.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B01**	**A05_B01**	**02 Nov 2021**	**Normal**	48	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B02**	**A05_B02**	**02 Nov 2021**	**Normal**	16	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B03**	**A05_B03**	**02 Nov 2021**	**Normal**	31	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B04**	**A05_B04**	**02 Nov 2021**	**Normal**	36	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B05**	**A05_B05**	**02 Nov 2021**	**Normal**	93	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B06**	**A05_B06**	**02 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B07**	**A05_B07**	**02 Nov 2021**	**Normal**	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B08**	**A05_B08**	**02 Nov 2021**	**Normal**	26	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B09**	**A05_B09**	**02 Nov 2021**	**Normal**	13	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05_B10**	**A05_B10**	**02 Nov 2021**	**Normal**	7.8	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A05-B11**	**A05-B11**	**06 May 2022**	**Normal**	13	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A07_B01**	**A07_B01**	**28 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A07_B02**	**A07_B02**	**28 Oct 2021**	**Normal**	240	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A07_B03**	**A07_B03**	**28 Oct 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A08_B01**	**A08_B01**	**28 Mar 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons							Polynuclear A									
						Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**					**11,000**						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*	*29,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	**WSP2025g_A08_B02**	**A08_B02**	**28 Mar 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A08_B03**	**A08_B03**	**28 Mar 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A09-B01**	**A09-B01**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A09-B02**	**A09-B02**	**06 May 2022**	**Normal**	68	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A09-B03**	**A09-B03**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A09-B04**	**A09-B04**	**06 May 2022**	**Normal**	9.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A09-B05**	**A09-B05**	**06 May 2022**	**Normal**	15	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B01**	**A10-B01**	**06 May 2022**	**Normal**	7	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B02**	**A10-B02**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B03**	**A10-B03**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B04**	**A10-B04**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B05**	**A10-B05**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B06**	**A10-B06**	**06 May 2022**	**Normal**	7.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B07**	**A10-B07**	**06 May 2022**	**Normal**	15	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B08**	**A10-B08**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B09**	**A10-B09**	**06 May 2022**	**Normal**	8.6	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B10**	**A10-B10**	**06 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A10-B11**	**A10-B11**	**06 May 2022**	**Normal**	21	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A11_B01**	**A11_B01**	**02 Nov 2021**	**Normal**	62	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A11_B02**	**A11_B02**	**02 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A11_B03**	**A11_B03**	**02 Nov 2021**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A11_B04**	**A11_B04**	**02 Nov 2021**	**Normal**	7.3	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A11_B05**	**A11_B05**	**02 Nov 2021**	**Normal**	12	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A12_B01**	**A12_B01**	**28 Mar 2022**	**Normal**	31	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A12_B02**	**A12_B02**	**29 Mar 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	1.2	-	<0.5
DU08	**WSP2025g_A12_B03**	**A12_B03**	**30 Mar 2022**	**Normal**	31	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A12-B04**	**A12-B04**	**05 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A12-B05**	**A12-B05**	**05 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A12-B06**	**A12-B06**	**05 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A13-B01**	**A13-B01**	**05 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A13-B02**	**A13-B02**	**05 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A13-B03**	**A13-B03**	**05 May 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A14-B01**	**A14-B01**	**06 May 2022**	**Normal**	8.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A14-B02**	**A14-B02**	**06 May 2022**	**Normal**	8.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_A14-B03**	**A14-B03**	**06 May 2022**	**Normal**	5.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM01**	**23 Nov 2021**	**Normal**	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM02**	**23 Nov 2021**	**Normal**	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM03**	**23 Nov 2021**	**Normal**	35	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM04**	**23 Nov 2021**	**Normal**	16	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons															Polynuclear A
						Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**					**11,000**						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*	*29,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM05**	**23 Nov 2021**	**Normal**	24	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM06**	**23 Nov 2021**	**Normal**	28	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM07**	**23 Nov 2021**	**Normal**	21	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM08**	**23 Nov 2021**	**Normal**	40	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM09**	**23 Nov 2021**	**Normal**	41	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM10**	**23 Nov 2021**	**Normal**	30	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM11**	**23 Nov 2021**	**Normal**	33	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM12**	**23 Nov 2021**	**Normal**	42	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM13**	**23 Nov 2021**	**Normal**	26	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM14**	**23 Nov 2021**	**Normal**	30	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM15**	**23 Nov 2021**	**Normal**	53	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM16**	**23 Nov 2021**	**Normal**	53	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM17**	**23 Nov 2021**	**Normal**	51	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM18**	**23 Nov 2021**	**Normal**	38	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM19**	**23 Nov 2021**	**Normal**	36	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM20**	**23 Nov 2021**	**Normal**	41	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM21**	**23 Nov 2021**	**Normal**	27	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM22**	**23 Nov 2021**	**Normal**	53	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM23**	**23 Nov 2021**	**Normal**	32	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM24**	**23 Nov 2021**	**Normal**	43	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM25**	**23 Nov 2021**	**Normal**	67	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM26**	**23 Nov 2021**	**Normal**	37	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM27**	**23 Nov 2021**	**Normal**	34	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM28**	**23 Nov 2021**	**Normal**	44	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM29**	**23 Nov 2021**	**Normal**	49	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM30**	**23 Nov 2021**	**Normal**	32	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM31**	**23 Nov 2021**	**Normal**	26	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM32**	**23 Nov 2021**	**Normal**	39	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM33**	**23 Nov 2021**	**Normal**	28	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM34**	**23 Nov 2021**	**Normal**	40	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM35**	**23 Nov 2021**	**Normal**	52	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_KOG_VENM**	**KOG_VENM36**	**23 Nov 2021**	**Normal**	36	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_QSP1**	**QSP1-1**	**11 Nov 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_QSP1**	**QSP1-2**	**11 Nov 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_QSP1**	**QSP1-3**	**11 Nov 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_QSP1**	**QSP1-4**	**11 Nov 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_QSP2**	**QSP2-1**	**01 Dec 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_QSP2**	**QSP2-2**	**01 Dec 2022**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025g_QSP2**	**QSP2-3**	**01 Dec 2022**	**Normal**	5.8	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons																Polynuclear A
						Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**					**11,000**						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*	*29,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	15	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	9.6	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	30	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	15	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	27	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	8.6	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	13	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	23	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	24	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	13	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	14	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	11	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	75	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	23	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	1,800.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	56	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	76	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	8.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	29	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	22	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	8.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	7.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	35	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	16	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons															Polynuclear A	
						Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						5	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**					**11,000**						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*	*29,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	**WSP2025g_VENM**	**VENM8**	**14 Nov 2022**	**Normal**		5.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025gB4_TP01**	**TP01(1.1_1.2)**	**21 Oct 2022**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025gB4_TP01**	**TP01(1.2_1.3)**	**21 Oct 2022**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025gB4_TP01**	**TP01(1.3_1.4)**	**21 Oct 2022**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025gB4_TP02**	**TP02(1.1_1.2)**	**21 Oct 2022**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025gB4_TP02**	**TP02(1.3_1.4)**	**21 Oct 2022**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025gB4_TP02**	**TP02(1.4_1.5)**	**21 Oct 2022**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025j_PMW114**	**PMW114-0.1**	**20 Jan 2025**	**Normal**		190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025j_PMW114**	**PMW114-0.5**	**20 Jan 2025**	**Normal**		420	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU08	**WSP2025j_PMW114**	**PMW114-2.0**	**20 Jan 2025**	**Normal**		<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fr

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					romatic Hydrocarbons																		
					Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A0-B01	A0-B01	28 Jun 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	A0-B02	28 Jun 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	A0-B03	28 Jun 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	A01_B01	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	A01_B02	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	A01_B03	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	A01_B04	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	A01_B05	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	A01_B06	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	A01_B07	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	A01_B08	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	A01_B09	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	A02_B01	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	A02_B02	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	A02_B03	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	A02_B04	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	A02_B05	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	A02_B06	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	A02_B07	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~A02_B08~~	~~07 Oct 2021~~	~~Normal~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	<1	~~<0.5~~	~~<0.5~~	~~<0.5~~	<1	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~A02_B09~~	~~07 Oct 2021~~	~~Normal~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	A02_B10	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	A02_B11	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	A02_B12	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	A02_B13	22 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	A02_B14	22 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	A02_B15	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	A02_B16	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	A02_B17	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	A03_B01	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	A03_B02	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	A03_B03	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	A03_B04	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	A03_B05	21 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	A03_B06	21 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	A03_B07	21 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	A03_B08	21 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	A03_B09	21 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	A03_B10	18 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					romatic Hydrocarbons																		
					Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A03_B11	A03_B11	18 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	A03_B12	18 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	A04_B01	22 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	A04_B02	22 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	A04_B03	22 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	A04_B04	22 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	A04_B05	22 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	A04_B06	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	A04_B07	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	A04_B08	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B09	A04_B09	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	A04_B10	28 Sep 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	A04_B11	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	A04_B12	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	A04_B13	07 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~A04_B14~~	~~28 Oct 2021~~	~~Normal~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~A04_B15~~	~~28 Oct 2021~~	~~Normal~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~A04_B16~~	~~28 Oct 2021~~	~~Normal~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	A04_B17	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	A04_B18	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	A04_B19	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	A04_B20	14 Dec 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	A04_B21	14 Dec 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	A04_B22	14 Dec 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	A05_B01	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	A05_B02	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	A05_B03	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	A05_B04	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	A05_B05	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	A05_B06	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	A05_B07	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	A05_B08	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	A05_B09	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	A05_B10	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	A05-B11	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	A07_B01	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	A07_B02	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	A07_B03	28 Oct 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	A08_B01	28 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					romatic Hydrocarbons																		
					Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A08_B02	A08_B02	28 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	A08_B03	28 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	A09-B01	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	A09-B02	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	A09-B03	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	A09-B04	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	A09-B05	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	A10-B01	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	A10-B02	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	A10-B03	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	A10-B04	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	A10-B05	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	A10-B06	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	A10-B07	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	A10-B08	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	A10-B09	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	A10-B10	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	A10-B11	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	A11_B01	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	A11_B02	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B03	A11_B03	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	A11_B04	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	A11_B05	02 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	A12_B01	28 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	A12_B02	29 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	A12_B03	30 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	A12-B04	05 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	A12-B05	05 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	A12-B06	05 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	A13-B01	05 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	A13-B02	05 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	A13-B03	05 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	A14-B01	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	A14-B02	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	A14-B03	06 May 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM01	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM02	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM03	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM04	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					romatic Hydrocarbons																		
					Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_KOG_VENM	KOG_VENM05	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM06	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM07	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM08	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM09	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM10	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM11	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM12	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM13	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM14	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM15	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM16	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM17	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM18	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM19	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM20	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM21	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM22	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM23	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM24	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM25	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM26	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM27	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM28	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM29	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM30	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM31	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM32	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM33	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM34	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM35	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM36	23 Nov 2021	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-1	11 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-2	11 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-3	11 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-4	11 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-1	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-2	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-3	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					romatic Hydrocarbons																		
					Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					romatic Hydrocarbons																		
					Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_VENM	VENM8	14 Nov 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.1_1.2)	21 Oct 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.2_1.3)	21 Oct 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.3_1.4)	21 Oct 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.1_1.2)	21 Oct 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.3_1.4)	21 Oct 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.4_1.5)	21 Oct 2022	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU08	WSP2025j_PMW114	PMW114-0.1	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU08	WSP2025j_PMW114	PMW114-0.5	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU08	WSP2025j_PMW114	PMW114-2.0	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fr

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													NA				
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_A0-B01	A0-B01	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	A0-B02	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	A0-B03	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	A01_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	A01_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	A01_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	A01_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	A01_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	A01_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	A01_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	A01_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	A01_B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	A02_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	A02_B02	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	A02_B03	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	A02_B04	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	A02_B05	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	A02_B06	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	A02_B07	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~A02_B08~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~A02_B09~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	A02_B10	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	A02_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	A02_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	A02_B13	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	A02_B14	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	A02_B15	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	A02_B16	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	A02_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	A03_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	A03_B02	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	A03_B03	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	A03_B04	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	A03_B05	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	A03_B06	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	A03_B07	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	A03_B08	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	A03_B09	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	A03_B10	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													NA				
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_A03_B11	A03_B11	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	A03_B12	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	A04_B01	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	A04_B02	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	A04_B03	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	A04_B04	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	A04_B05	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	A04_B06	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	A04_B07	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	A04_B08	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B09	A04_B09	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	A04_B10	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	A04_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	A04_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	A04_B13	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~A04_B14~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~A04_B15~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~A04_B16~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	A04_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	A04_B18	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	A04_B19	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	A04_B20	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	A04_B21	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	A04_B22	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	A05_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	A05_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	A05_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	A05_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	A05_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	A05_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	A05_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	A05_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	A05_B09	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	A05_B10	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	A05-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	A07_B01	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	A07_B02	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	A07_B03	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	A08_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													NA				
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_A08_B02	A08_B02	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	A08_B03	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	A09-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	A09-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	A09-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	A09-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	A09-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	A10-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	A10-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	A10-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	A10-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	A10-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	A10-B06	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	A10-B07	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	A10-B08	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	A10-B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	A10-B10	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	A10-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	A11_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	A11_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B03	A11_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	A11_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	A11_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	A12_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	A12_B02	29 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	A12_B03	30 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	A12-B04	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	A12-B05	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	A12-B06	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	A13-B01	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	A13-B02	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	A13-B03	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	A14-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	A14-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	A14-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM01	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM02	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM03	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM04	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													NA				
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_KOG_VENM	KOG_VENM05	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM06	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM07	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM08	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM09	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM10	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM11	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM12	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM13	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM14	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM15	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM16	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM17	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM18	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM19	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM20	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM21	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM22	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM23	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM24	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM25	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM26	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM27	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM28	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM29	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM30	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM31	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM32	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM33	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM34	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM35	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM36	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-1	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-2	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-3	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-4	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													NA				
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000022	<0.000005	0.000018	0.00012	0.000008
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.000005	<0.000005	<0.000005	0.0025	<0.000005
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													NA				
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	11Cl-PF3OUdS	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	6:2 Fluorotelomer sulfonamide alkylbetaine (6:2 FT	9Cl-PF3ONS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	5	1	5	20	5	20	10	1	20	0.000005	0.000005	0.000005	0.000005	0.000005
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_VENM	VENM8	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.2_1.3)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.4_1.5)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025j_PMW114	PMW114-0.1	20 Jan 2025	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU08	WSP2025j_PMW114	PMW114-0.5	20 Jan 2025	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-
DU08	WSP2025j_PMW114	PMW114-2.0	20 Jan 2025	Normal	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fr

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls															
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A0-B01	A0-B01	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	A0-B02	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	A0-B03	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	A01_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	A01_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	A01_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	A01_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	A01_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	A01_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	A01_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	A01_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	A01_B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	A02_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	A02_B02	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	A02_B03	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	A02_B04	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	A02_B05	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	A02_B06	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	A02_B07	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~A02_B08~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~A02_B09~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	A02_B10	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	A02_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	A02_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	A02_B13	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	A02_B14	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	A02_B15	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	A02_B16	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	A02_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	A03_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	A03_B02	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	A03_B03	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	A03_B04	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	A03_B05	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	A03_B06	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	A03_B07	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	A03_B08	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	A03_B09	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	A03_B10	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls														
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_A03_B11	A03_B11	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	A03_B12	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	A04_B01	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	A04_B02	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	A04_B03	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	A04_B04	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	A04_B05	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	A04_B06	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	A04_B07	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	A04_B08	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B09	A04_B09	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	A04_B10	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	A04_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	A04_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	A04_B13	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~A04_B14~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~A04_B15~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~A04_B16~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	A04_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	A04_B18	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	A04_B19	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	A04_B20	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	A04_B21	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	A04_B22	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	A05_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	A05_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	A05_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	A05_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	A05_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	A05_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	A05_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	A05_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	A05_B09	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	A05_B10	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	A05-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	A07_B01	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	A07_B02	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	A07_B03	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	A08_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls														
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_A08_B02	A08_B02	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	A08_B03	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	A09-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	A09-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	A09-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	A09-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	A09-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	A10-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	A10-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	A10-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	A10-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	A10-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	A10-B06	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	A10-B07	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	A10-B08	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	A10-B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	A10-B10	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	A10-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	A11_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	A11_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B03	A11_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	A11_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	A11_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	A12_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	A12_B02	29 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	A12_B03	30 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	A12-B04	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	A12-B05	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	A12-B06	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	A13-B01	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	A13-B02	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	A13-B03	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	A14-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	A14-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	A14-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM01	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM02	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM03	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM04	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls														
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_KOG_VENM	KOG_VENM05	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM06	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM07	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM08	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM09	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM10	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM11	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM12	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM13	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM14	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM15	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM16	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM17	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM18	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM19	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM20	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM21	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM22	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM23	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM24	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM25	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM26	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM27	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM28	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM29	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM30	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM31	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM32	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM33	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM34	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM35	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM36	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-1	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-2	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-3	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-4	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls														
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	<0.000005	<0.005	<0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	<0.000005	<0.005	<0.000005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls															
					Dodecafluoro-3H-4,8-dioxanonanoic acid (ADONA)	Hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
					mg/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.000005	0.005	0.000005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	**WSP2025g_VENM**	**VENM8**	**14 Nov 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**TP01(1.1_1.2)**	**21 Oct 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**TP01(1.2_1.3)**	**21 Oct 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP01**	**TP01(1.3_1.4)**	**21 Oct 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**TP02(1.1_1.2)**	**21 Oct 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**TP02(1.3_1.4)**	**21 Oct 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025gB4_TP02**	**TP02(1.4_1.5)**	**21 Oct 2022**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	**WSP2025j_PMW114**	**PMW114-0.1**	**20 Jan 2025**	**Normal**	-	-	-	<0.1	-	-	-	-	-	-	-	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU08	**WSP2025j_PMW114**	**PMW114-0.5**	**20 Jan 2025**	**Normal**	-	-	-	<0.1	-	-	-	-	-	-	-	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU08	**WSP2025j_PMW114**	**PMW114-2.0**	**20 Jan 2025**	**Normal**	-	-	-	<0.1	-	-	-	-	-	-	-	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fr

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																		
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	2	0.2	0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A0-B01	A0-B01	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	A0-B02	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	A0-B03	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	A01_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	A01_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	A01_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	A01_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	A01_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	A01_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	A01_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	A01_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	A01_B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	A02_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	A02_B02	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	A02_B03	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	A02_B04	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	A02_B05	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	A02_B06	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	A02_B07	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~A02_B08~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~A02_B09~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	A02_B10	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	A02_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	A02_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	A02_B13	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	A02_B14	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	A02_B15	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	A02_B16	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	A02_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	A03_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	A03_B02	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	A03_B03	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	A03_B04	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	A03_B05	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	A03_B06	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	A03_B07	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	A03_B08	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	A03_B09	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	A03_B10	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																		
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	2	0.2	0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A03_B11	A03_B11	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	A03_B12	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	A04_B01	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	A04_B02	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	A04_B03	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	A04_B04	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	A04_B05	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	A04_B06	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	A04_B07	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	A04_B08	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B09	A04_B09	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	A04_B10	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	A04_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	A04_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	A04_B13	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~A04_B14~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~A04_B15~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~A04_B16~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	A04_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	A04_B18	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	A04_B19	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	A04_B20	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	A04_B21	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	A04_B22	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	A05_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	A05_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	A05_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	A05_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	A05_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	A05_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	A05_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	A05_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	A05_B09	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	A05_B10	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	A05-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	A07_B01	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	A07_B02	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	A07_B03	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	A08_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																		
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	2	0.2	0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A08_B02	A08_B02	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	A08_B03	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	A09-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	A09-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	A09-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	A09-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	A09-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	A10-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	A10-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	A10-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	A10-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	A10-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	A10-B06	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	A10-B07	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	A10-B08	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	A10-B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	A10-B10	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	A10-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	A11_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	A11_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B03	A11_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	A11_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	A11_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	A12_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	A12_B02	29 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	A12_B03	30 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	A12-B04	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	A12-B05	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	A12-B06	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	A13-B01	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	A13-B02	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	A13-B03	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	A14-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	A14-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	A14-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM01	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM02	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM03	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM04	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																		
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	2	0.2	0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_KOG_VENM	KOG_VENM05	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM06	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM07	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM08	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM09	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM10	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM11	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM12	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM13	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM14	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM15	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM16	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM17	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM18	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM19	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM20	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM21	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM22	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM23	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM24	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM25	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM26	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM27	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM28	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM29	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM30	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM31	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM32	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM33	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM34	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM35	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM36	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-1	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-2	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-3	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-4	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																		
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	2	0.2	0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																	
					Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	2	0.2	0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_VENM	VENM8	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.2_1.3)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.4_1.5)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025j_PMW114	PMW114-0.1	20 Jan 2025	Normal	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU08	WSP2025j_PMW114	PMW114-0.5	20 Jan 2025	Normal	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU08	WSP2025j_PMW114	PMW114-2.0	20 Jan 2025	Normal	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fr

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																							Organochl
					Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A0-B01	A0-B01	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	A0-B02	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	A0-B03	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	A01_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	A01_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	A01_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	A01_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	A01_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	A01_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	A01_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	A01_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	A01_B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	A02_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	A02_B02	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	A02_B03	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	A02_B04	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	A02_B05	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	A02_B06	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	A02_B07	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~A02_B08~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~A02_B09~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	A02_B10	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	A02_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	A02_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	A02_B13	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	A02_B14	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	A02_B15	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	A02_B16	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	A02_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	A03_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	A03_B02	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	A03_B03	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	A03_B04	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	A03_B05	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	A03_B06	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	A03_B07	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	A03_B08	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	A03_B09	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	A03_B10	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																							Organochl
					Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A03_B11	A03_B11	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	A03_B12	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	A04_B01	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	A04_B02	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	A04_B03	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	A04_B04	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	A04_B05	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	A04_B06	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	A04_B07	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	A04_B08	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B09	A04_B09	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	A04_B10	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	A04_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	A04_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	A04_B13	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~A04_B14~~	~~28 Oct 2021~~	~~Normal~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~
~~DU08~~	~~WSP2025g_A04_B15~~	~~A04_B15~~	~~28 Oct 2021~~	~~Normal~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~
~~DU08~~	~~WSP2025g_A04_B16~~	~~A04_B16~~	~~28 Oct 2021~~	~~Normal~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~
DU08	WSP2025g_A04_B17	A04_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	A04_B18	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	A04_B19	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	A04_B20	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	A04_B21	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	A04_B22	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	A05_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	A05_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	A05_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	A05_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	A05_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	A05_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	A05_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	A05_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	A05_B09	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	A05_B10	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	A05-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	A07_B01	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	A07_B02	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	A07_B03	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	A08_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																							Organochl
					Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_A08_B02	A08_B02	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	A08_B03	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	A09-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	A09-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	A09-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	A09-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	A09-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	A10-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	A10-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	A10-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	A10-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	A10-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	A10-B06	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	A10-B07	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	A10-B08	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	A10-B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	A10-B10	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	A10-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	A11_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	A11_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B03	A11_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	A11_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	A11_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	A12_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	A12_B02	29 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	A12_B03	30 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	A12-B04	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	A12-B05	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	A12-B06	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	A13-B01	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	A13-B02	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	A13-B03	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	A14-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	A14-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	A14-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM01	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM02	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM03	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM04	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																							Organochl
					Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_KOG_VENM	KOG_VENM05	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM06	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM07	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM08	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM09	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM10	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM11	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM12	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM13	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM14	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM15	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM16	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM17	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM18	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM19	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM20	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM21	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM22	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM23	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM24	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM25	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM26	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM27	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM28	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM29	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM30	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM31	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM32	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM33	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM34	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM35	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM36	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-1	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-2	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-3	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-4	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																							Organochl
					Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																							Organochl
					Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU08	WSP2025g_VENM	VENM8	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.2_1.3)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.4_1.5)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025j_PMW114	PMW114-0.1	20 Jan 2025	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025j_PMW114	PMW114-0.5	20 Jan 2025	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU08	WSP2025j_PMW114	PMW114-2.0	20 Jan 2025	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fr

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					orine Pesticides (OC)													Physio-Chemical Parameters
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU08	WSP2025g_A0-B01	A0-B01	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B02	A0-B02	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A0-B03	A0-B03	28 Jun 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B01	A01_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B02	A01_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B03	A01_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B04	A01_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B05	A01_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B06	A01_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B07	A01_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B08	A01_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A01_B09	A01_B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B01	A02_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B02	A02_B02	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B03	A02_B03	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B04	A02_B04	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B05	A02_B05	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B06	A02_B06	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B07	A02_B07	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~A02_B08~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~A02_B09~~	~~07 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B10	A02_B10	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B11	A02_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B12	A02_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B13	A02_B13	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B14	A02_B14	22 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B15	A02_B15	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B16	A02_B16	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A02_B17	A02_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B01	A03_B01	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B02	A03_B02	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B03	A03_B03	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B04	A03_B04	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B05	A03_B05	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B06	A03_B06	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B07	A03_B07	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B08	A03_B08	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B09	A03_B09	21 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B10	A03_B10	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					orine Pesticides (OC)													Physio-Chemical Parameters
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU08	WSP2025g_A03_B11	A03_B11	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A03_B12	A03_B12	18 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B01	A04_B01	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B02	A04_B02	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B03	A04_B03	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B04	A04_B04	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B05	A04_B05	22 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B06	A04_B06	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B07	A04_B07	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B08	A04_B08	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B09	A04_B09	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B10	A04_B10	28 Sep 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B11	A04_B11	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B12	A04_B12	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B13	A04_B13	07 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~A04_B14~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~A04_B15~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~A04_B16~~	~~28 Oct 2021~~	~~Normal~~	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B17	A04_B17	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B18	A04_B18	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B19	A04_B19	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B20	A04_B20	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B21	A04_B21	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A04_B22	A04_B22	14 Dec 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B01	A05_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B02	A05_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B03	A05_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B04	A05_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B05	A05_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B06	A05_B06	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B07	A05_B07	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B08	A05_B08	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B09	A05_B09	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05_B10	A05_B10	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A05-B11	A05-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B01	A07_B01	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B02	A07_B02	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A07_B03	A07_B03	28 Oct 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B01	A08_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					orine Pesticides (OC)													Physio-Chemical Parameters
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU08	WSP2025g_A08_B02	A08_B02	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A08_B03	A08_B03	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B01	A09-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B02	A09-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B03	A09-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B04	A09-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A09-B05	A09-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B01	A10-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B02	A10-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B03	A10-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B04	A10-B04	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B05	A10-B05	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B06	A10-B06	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B07	A10-B07	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B08	A10-B08	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B09	A10-B09	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B10	A10-B10	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A10-B11	A10-B11	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B01	A11_B01	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B02	A11_B02	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B03	A11_B03	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B04	A11_B04	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A11_B05	A11_B05	02 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B01	A12_B01	28 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B02	A12_B02	29 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12_B03	A12_B03	30 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B04	A12-B04	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B05	A12-B05	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A12-B06	A12-B06	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B01	A13-B01	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B02	A13-B02	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A13-B03	A13-B03	05 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B01	A14-B01	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B02	A14-B02	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_A14-B03	A14-B03	06 May 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM01	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM02	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM03	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM04	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					orine Pesticides (OC)													Physio-Chemical Parameters
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU08	WSP2025g_KOG_VENM	KOG_VENM05	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM06	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM07	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM08	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM09	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM10	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM11	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM12	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM13	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM14	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM15	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM16	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM17	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM18	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM19	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM20	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM21	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM22	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM23	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM24	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM25	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM26	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM27	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM28	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM29	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM30	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM31	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM32	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM33	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM34	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM35	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_KOG_VENM	KOG_VENM36	23 Nov 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-1	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-2	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-3	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP1	QSP1-4	11 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP2	QSP2-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					orine Pesticides (OC)													Physio-Chemical Parameters
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU08	WSP2025g_QSP3	QSP3-1	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-2	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-3	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-4	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-5	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-6	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-7	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-8	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-9	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-10	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-11	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-12	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-13	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-14	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QSP3	QSP3-15	01 Dec 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 1	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 2	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 3	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 4	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 5	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_QUARRY	QUARRY 6	23 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP01	TP01_0.1	25 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	-	-	-
DU08	WSP2025g_TP01	TP01_1.0	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP02	TP02_1.7	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_0.5	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP03	TP03_1.0	25 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	-	-	-
DU08	WSP2025g_TP04	TP04_0.1	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_0.8	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP04	TP04_1.6	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_0.2	25 Mar 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_TP05	TP05_1.8	25 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	-	-	-
DU08	WSP2025g_VENM	VENM1	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM2	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM3	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM4	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM5	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM6	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025g_VENM	VENM7	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU08 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Chlorine Pesticides (OC)														Physio-Chemical Parameters
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content (dried @ 103°C)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU08	WSP2025g_VENM	VENM8	14 Nov 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.2_1.3)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP01	TP01(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.1_1.2)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.3_1.4)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025gB4_TP02	TP02(1.4_1.5)	21 Oct 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU08	WSP2025j_PMW114	PMW114-0.1	20 Jan 2025	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	13
DU08	WSP2025j_PMW114	PMW114-0.5	20 Jan 2025	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	19
DU08	WSP2025j_PMW114	PMW114-2.0	20 Jan 2025	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	18

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fr

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU08 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-flu																	
					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]							50					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU08	**WSP2025g_TP01**	**25 Mar 2022**	**TP01_1.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-2.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU08 - 1d: Soil Analytical Results – PFAS Screening

					broalkyl Substances																
					Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)	Sum of US EPA PFAS (PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0002	0.0002	0.005	0.005
PFAS NEMP 2025 HIL D Industrial/commercial																		20				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU08	**WSP2025g_TP01**	**25 Mar 2022**	**TP01_1.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-	<0.005	<0.05	<0.01	-	<0.005
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005	<0.005
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-0.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005	<0.005
DU08	**WSP2025j_PMW114**	**20 Jan 2025**	**PMW114-2.0**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.05	<0.01	<0.005	<0.005

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU08 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos					
					Asbestos Detected	Fibres Identified	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Approximate Sample Mass	Asbestos from ACM in Soil
					mg/kg	Comment	% (w/w)	%w/w	g	%w/w
EQL							0.001	0.001	0.1	0.001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.001			0.05
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**						
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal	-	-	-	-	513	-
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal	-	-	-	-	602	-
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal	-	-	-	-	463	-
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal	-	-	-	-	552	-
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal	-	-	-	-	556	-
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal	-	-	-	-	583	-
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal	-	-	-	-	558	-
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal	-	-	-	-	535	-
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal	-	-	-	-	560	-
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal	-	-	-	-	459	-
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal	-	-	-	-	532	-
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal	-	-	-	-	704	-
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal	-	-	-	-	439	-
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal	-	-	-	-	560	-
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal	-	-	-	-	398	-
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal	-	-	-	-	450	-
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal	-	-	-	-	705	-
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal	-	-	-	-	402	-
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal	-	-	-	-	553	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~	-	-	~~0.0003~~	-	~~529~~	~~0.1558~~
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~	-	-	-	-	~~426~~	~~0.053~~
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal	-	-	-	-	455	-
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal	-	-	-	-	470	-
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal	-	-	-	-	456	-
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal	-	-	-	-	459	-
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal	-	-	-	-	535	-
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal	-	-	-	-	586	-
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal	-	-	-	-	467	-
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal	-	-	-	-	610	-
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal	-	-	-	-	637	-
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal	-	-	-	-	652	-
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal	-	-	-	-	654	-
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal	-	-	-	-	634	-
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal	-	-	-	-	275	-
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal	-	-	-	-	294	-
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal	-	-	-	-	352	-
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal	-	-	-	-	196	-
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal	-	-	-	-	299	-
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal	-	-	-	-	455	-
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal	-	-	-	-	462	-
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal	-	-	-	-	441	-
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal	-	-	-	-	427	-
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal	-	-	-	-	388	-
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal	-	-	-	-	343	-
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal	-	-	-	-	376	-
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal	-	-	-	-	381	-
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal	-	-	-	-	633	-
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal	-	-	-	-	640	-
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal	-	-	-	-	644	-
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal	-	-	-	-	599	-
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal	-	-	-	-	648	-
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal	-	-	-	-	446	-
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal	-	-	-	-	474	-
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal	-	-	-	-	497	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~	-	-	~~0.0378~~	-	~~560~~	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~	-	-	~~0.002~~	-	~~509~~	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~	-	-	~~< 0.001 2~~	-	~~502~~	-
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal	-	-	-	-	464	-
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal	-	-	-	-	493	-
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal	-	-	-	-	601	-
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal	-	-	-	-	403	-
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal	-	-	-	-	450	-
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal	-	-	-	-	441	-
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal	-	-	-	-	544	-
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal	-	-	-	-	635	-
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal	-	-	-	-	692	-
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal	-	-	-	-	468	-
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal	-	-	-	-	475	-
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal	-	-	-	-	474	-
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal	-	-	-	-	584	-
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal	-	-	-	-	621	-
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal	-	-	-	-	519	-
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal	-	-	-	-	644	-
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal	-	-	-	-	695	-
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal	-	-	-	-	473	-
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal	-	-	-	-	422	-

DU08 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos					
					Asbestos Detected	Fibres Identified	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Approximate Sample Mass	Asbestos from ACM in Soil
					mg/kg	Comment	% (w/w)	%w/w	g	%w/w
EQL							0.001	0.001	0.1	0.001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.001			0.05
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**						
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal	-	-	-	-	608	-
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal	-	-	-	-	537	-
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal	-	-	-	-	465	-
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal	-	-	-	-	525	-
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal	-	-	-	-	649	-
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal	-	-	-	-	742	-
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal	-	-	-	-	622	-
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal	-	-	-	-	710	-
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal	-	-	-	-	808	-
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal	-	-	-	-	693	-
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal	-	-	-	-	673	-
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal	-	-	-	-	535	-
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal	-	-	-	-	687	-
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal	-	-	-	-	500	-
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal	-	-	-	-	594	-
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal	-	-	-	-	584	-
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal	-	-	-	-	596	-
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal	-	-	-	-	649	-
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal	-	-	-	-	674	-
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal	-	-	-	-	774	-
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal	-	-	-	-	406	-
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal	-	-	-	-	462	-
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal	-	-	-	-	310	-
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal	-	-	-	-	507	-
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal	-	-	-	-	514	-
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal	-	-	-	-	423	-
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal	-	-	-	-	389	-
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal	-	-	-	-	434	-
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal	-	-	-	-	785	-
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal	-	-	-	-	679	-
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal	-	-	-	-	719	-
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal	-	-	-	-	616	-
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal	-	-	-	-	668	-
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal	-	-	-	-	680	-
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal	-	-	-	-	474	-
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal	-	-	-	-	518	-
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal	-	-	-	-	405	-
DU08	WSP2025g_Driveway	16 Sep 2021	Driveway - Frag 1 (new aggregate)	Normal	-	-	-	A,Cr,Ch	-	-
DU08	WSP2025g_EHR_SS01	13 Sep 2021	EHR_SS01	Normal	-	-	-	<0.001	-	-
DU08	WSP2025g_EHR_SS02	13 Sep 2021	EHR_SS02	Normal	-	-	-	<0.001	-	-
DU08	WSP2025g_EHR_SS03	13 Sep 2021	EHR_SS03	Normal	-	-	-	<0.001	-	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal	-	-	-	-	118	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal	-	-	-	-	160	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal	-	-	-	-	192	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal	-	-	-	-	249	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal	-	-	-	-	228	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal	-	-	-	-	227	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal	-	-	-	-	264	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal	-	-	-	-	220	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal	-	-	-	-	287	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal	-	-	-	-	181	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal	-	-	-	-	162	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal	-	-	-	-	242	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal	-	-	-	-	203	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal	-	-	-	-	174	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal	-	-	-	-	206	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal	-	-	-	-	227	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal	-	-	-	-	203	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal	-	-	-	-	198	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal	-	-	-	-	184	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal	-	-	-	-	233	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal	-	-	-	-	242	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal	-	-	-	-	246	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal	-	-	-	-	235	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal	-	-	-	-	246	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal	-	-	-	-	202	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal	-	-	-	-	166	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal	-	-	-	-	218	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal	-	-	-	-	306	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal	-	-	-	-	245	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal	-	-	-	-	250	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal	-	-	-	-	254	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal	-	-	-	-	170	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal	-	-	-	-	253	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal	-	-	-	-	208	-

DU08 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos					
					Asbestos Detected	Fibres Identified	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Approximate Sample Mass	Asbestos from ACM in Soil
					mg/kg	Comment	% (w/w)	%w/w	g	%w/w
EQL							0.001	0.001	0.1	0.001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.001			0.05
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**						
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	-	-	-	-	176	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	-	-	-	-	263	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	-	-	-	-	118	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	-	-	-	-	131	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	-	-	-	-	66	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	-	-	-	-	102	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	-	-	-	-	116	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	-	-	-	-	86	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	-	-	-	-	80	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	-	-	-	-	110	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	-	-	-	-	74	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	-	-	-	-	76	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	-	-	-	-	95	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	-	-	-	-	101	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	-	-	-	-	93	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	-	-	-	-	89	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	-	-	-	-	110	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	-	-	-	-	46	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	-	-	-	-	165	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	-	-	-	-	99	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	-	-	-	-	117	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	-	-	-	-	75	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	-	-	-	-	83	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	-	-	-	-	102	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	-	-	-	-	406	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	-	-	-	-	414	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	-	-	-	-	365	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	-	-	-	-	331	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	-	-	-	-	411	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	-	-	-	-	411	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	-	-	-	-	607	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	-	-	-	-	425	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	-	-	-	-	393	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	-	-	-	-	404	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	-	-	-	-	472	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	-	-	-	-	465	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	-	-	-	-	478	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	-	-	-	-	390	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	-	-	-	-	418	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	-	-	-	-	465	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	-	-	-	-	340	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	-	-	-	-	269	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	-	-	-	-	371	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	-	-	-	-	326	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	-	-	-	-	389	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	-	-	-	-	302	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	-	-	-	-	325	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	-	-	-	-	414	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.1_1.2)	Normal	-	-	-	-	1,072.0	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.2_1.3)	Normal	-	-	-	-	1,027.0	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.3_1.4)	Normal	-	-	-	-	1,255.0	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.1_1.2)	Normal	-	-	-	-	930	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.3_1.4)	Normal	-	-	-	-	873	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.4_1.5)	Normal	-	-	-	-	1,081.0	-
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.1	Normal	<100	No	0	-	-	-
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.1	Normal	-	-	<0.001	-	-	-
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.5	Normal	<100	No	0	-	-	-
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.5	Normal	-	-	<0.001	-	-	-

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU08 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos (ACM >7mm) Estimation_mass
					g
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU08	WSP2025g_A0-B01	28 Jun 2022	A0-B01	Normal	-
DU08	WSP2025g_A0-B02	28 Jun 2022	A0-B02	Normal	-
DU08	WSP2025g_A0-B03	28 Jun 2022	A0-B03	Normal	-
DU08	WSP2025g_A01_B01	02 Nov 2021	A01_B01	Normal	-
DU08	WSP2025g_A01_B02	02 Nov 2021	A01_B02	Normal	-
DU08	WSP2025g_A01_B03	02 Nov 2021	A01_B03	Normal	-
DU08	WSP2025g_A01_B04	02 Nov 2021	A01_B04	Normal	-
DU08	WSP2025g_A01_B05	02 Nov 2021	A01_B05	Normal	-
DU08	WSP2025g_A01_B06	02 Nov 2021	A01_B06	Normal	-
DU08	WSP2025g_A01_B07	02 Nov 2021	A01_B07	Normal	-
DU08	WSP2025g_A01_B08	02 Nov 2021	A01_B08	Normal	-
DU08	WSP2025g_A01_B09	06 May 2022	A01_B09	Normal	-
DU08	WSP2025g_A02_B01	07 Oct 2021	A02_B01	Normal	-
DU08	WSP2025g_A02_B02	07 Oct 2021	A02_B02	Normal	-
DU08	WSP2025g_A02_B03	07 Oct 2021	A02_B03	Normal	-
DU08	WSP2025g_A02_B04	07 Oct 2021	A02_B04	Normal	-
DU08	WSP2025g_A02_B05	07 Oct 2021	A02_B05	Normal	-
DU08	WSP2025g_A02_B06	07 Oct 2021	A02_B06	Normal	-
DU08	WSP2025g_A02_B07	07 Oct 2021	A02_B07	Normal	-
~~DU08~~	~~WSP2025g_A02_B08~~	~~07 Oct 2021~~	~~A02_B08~~	~~Normal~~	-
~~DU08~~	~~WSP2025g_A02_B09~~	~~07 Oct 2021~~	~~A02_B09~~	~~Normal~~	-
DU08	WSP2025g_A02_B10	07 Oct 2021	A02_B10	Normal	-
DU08	WSP2025g_A02_B11	07 Oct 2021	A02_B11	Normal	-
DU08	WSP2025g_A02_B12	07 Oct 2021	A02_B12	Normal	-
DU08	WSP2025g_A02_B13	22 Oct 2021	A02_B13	Normal	-
DU08	WSP2025g_A02_B14	22 Oct 2021	A02_B14	Normal	-
DU08	WSP2025g_A02_B15	28 Oct 2021	A02_B15	Normal	-
DU08	WSP2025g_A02_B16	28 Oct 2021	A02_B16	Normal	-
DU08	WSP2025g_A02_B17	28 Oct 2021	A02_B17	Normal	-
DU08	WSP2025g_A03_B01	07 Oct 2021	A03_B01	Normal	-
DU08	WSP2025g_A03_B02	28 Sep 2021	A03_B02	Normal	-
DU08	WSP2025g_A03_B03	28 Sep 2021	A03_B03	Normal	-
DU08	WSP2025g_A03_B04	28 Sep 2021	A03_B04	Normal	-
DU08	WSP2025g_A03_B05	21 Sep 2021	A03_B05	Normal	-
DU08	WSP2025g_A03_B06	21 Sep 2021	A03_B06	Normal	-
DU08	WSP2025g_A03_B07	21 Sep 2021	A03_B07	Normal	-
DU08	WSP2025g_A03_B08	21 Sep 2021	A03_B08	Normal	-
DU08	WSP2025g_A03_B09	21 Sep 2021	A03_B09	Normal	-
DU08	WSP2025g_A03_B10	18 Nov 2021	A03_B10	Normal	-
DU08	WSP2025g_A03_B11	18 Nov 2021	A03_B11	Normal	-
DU08	WSP2025g_A03_B12	18 Nov 2021	A03_B12	Normal	-
DU08	WSP2025g_A04_B01	22 Sep 2021	A04_B01	Normal	-
DU08	WSP2025g_A04_B02	22 Sep 2021	A04_B02	Normal	-
DU08	WSP2025g_A04_B03	22 Sep 2021	A04_B03	Normal	-
DU08	WSP2025g_A04_B04	22 Sep 2021	A04_B04	Normal	-
DU08	WSP2025g_A04_B05	22 Sep 2021	A04_B05	Normal	-
DU08	WSP2025g_A04_B06	28 Sep 2021	A04_B06	Normal	-
DU08	WSP2025g_A04_B07	28 Sep 2021	A04_B07	Normal	-
DU08	WSP2025g_A04_B08	28 Sep 2021	A04_B08	Normal	-
DU08	WSP2025g_A04_B09	28 Sep 2021	A04_B09	Normal	-
DU08	WSP2025g_A04_B10	28 Sep 2021	A04_B10	Normal	-
DU08	WSP2025g_A04_B11	07 Oct 2021	A04_B11	Normal	-
DU08	WSP2025g_A04_B12	07 Oct 2021	A04_B12	Normal	-
DU08	WSP2025g_A04_B13	07 Oct 2021	A04_B13	Normal	-
~~DU08~~	~~WSP2025g_A04_B14~~	~~28 Oct 2021~~	~~A04_B14~~	~~Normal~~	-
~~DU08~~	~~WSP2025g_A04_B15~~	~~28 Oct 2021~~	~~A04_B15~~	~~Normal~~	-
~~DU08~~	~~WSP2025g_A04_B16~~	~~28 Oct 2021~~	~~A04_B16~~	~~Normal~~	-
DU08	WSP2025g_A04_B17	28 Oct 2021	A04_B17	Normal	-
DU08	WSP2025g_A04_B18	28 Oct 2021	A04_B18	Normal	-
DU08	WSP2025g_A04_B19	28 Oct 2021	A04_B19	Normal	-
DU08	WSP2025g_A04_B20	14 Dec 2021	A04_B20	Normal	-
DU08	WSP2025g_A04_B21	14 Dec 2021	A04_B21	Normal	-
DU08	WSP2025g_A04_B22	14 Dec 2021	A04_B22	Normal	-
DU08	WSP2025g_A05_B01	02 Nov 2021	A05_B01	Normal	-
DU08	WSP2025g_A05_B02	02 Nov 2021	A05_B02	Normal	-
DU08	WSP2025g_A05_B03	02 Nov 2021	A05_B03	Normal	-
DU08	WSP2025g_A05_B04	02 Nov 2021	A05_B04	Normal	-
DU08	WSP2025g_A05_B05	02 Nov 2021	A05_B05	Normal	-
DU08	WSP2025g_A05_B06	02 Nov 2021	A05_B06	Normal	-
DU08	WSP2025g_A05_B07	02 Nov 2021	A05_B07	Normal	-
DU08	WSP2025g_A05_B08	02 Nov 2021	A05_B08	Normal	-
DU08	WSP2025g_A05_B09	02 Nov 2021	A05_B09	Normal	-
DU08	WSP2025g_A05_B10	02 Nov 2021	A05_B10	Normal	-
DU08	WSP2025g_A05-B11	06 May 2022	A05-B11	Normal	-
DU08	WSP2025g_A07_B01	28 Oct 2021	A07_B01	Normal	-
DU08	WSP2025g_A07_B02	28 Oct 2021	A07_B02	Normal	-

DU08 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos (ACM >7mm) Estimation_mass
					g
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU08	WSP2025g_A07_B03	28 Oct 2021	A07_B03	Normal	-
DU08	WSP2025g_A08_B01	28 Mar 2022	A08_B01	Normal	-
DU08	WSP2025g_A08_B02	28 Mar 2022	A08_B02	Normal	-
DU08	WSP2025g_A08_B03	28 Mar 2022	A08_B03	Normal	-
DU08	WSP2025g_A09-B01	06 May 2022	A09-B01	Normal	-
DU08	WSP2025g_A09-B02	06 May 2022	A09-B02	Normal	-
DU08	WSP2025g_A09-B03	06 May 2022	A09-B03	Normal	-
DU08	WSP2025g_A09-B04	06 May 2022	A09-B04	Normal	-
DU08	WSP2025g_A09-B05	06 May 2022	A09-B05	Normal	-
DU08	WSP2025g_A10-B01	06 May 2022	A10-B01	Normal	-
DU08	WSP2025g_A10-B02	06 May 2022	A10-B02	Normal	-
DU08	WSP2025g_A10-B03	06 May 2022	A10-B03	Normal	-
DU08	WSP2025g_A10-B04	06 May 2022	A10-B04	Normal	-
DU08	WSP2025g_A10-B05	06 May 2022	A10-B05	Normal	-
DU08	WSP2025g_A10-B06	06 May 2022	A10-B06	Normal	-
DU08	WSP2025g_A10-B07	06 May 2022	A10-B07	Normal	-
DU08	WSP2025g_A10-B08	06 May 2022	A10-B08	Normal	-
DU08	WSP2025g_A10-B09	06 May 2022	A10-B09	Normal	-
DU08	WSP2025g_A10-B10	06 May 2022	A10-B10	Normal	-
DU08	WSP2025g_A10-B11	06 May 2022	A10-B11	Normal	-
DU08	WSP2025g_A11_B01	02 Nov 2021	A11_B01	Normal	-
DU08	WSP2025g_A11_B02	02 Nov 2021	A11_B02	Normal	-
DU08	WSP2025g_A11_B03	02 Nov 2021	A11_B03	Normal	-
DU08	WSP2025g_A11_B04	02 Nov 2021	A11_B04	Normal	-
DU08	WSP2025g_A11_B05	02 Nov 2021	A11_B05	Normal	-
DU08	WSP2025g_A12_B01	28 Mar 2022	A12_B01	Normal	-
DU08	WSP2025g_A12_B02	29 Mar 2022	A12_B02	Normal	-
DU08	WSP2025g_A12_B03	30 Mar 2022	A12_B03	Normal	-
DU08	WSP2025g_A12-B04	05 May 2022	A12-B04	Normal	-
DU08	WSP2025g_A12-B05	05 May 2022	A12-B05	Normal	-
DU08	WSP2025g_A12-B06	05 May 2022	A12-B06	Normal	-
DU08	WSP2025g_A13-B01	05 May 2022	A13-B01	Normal	-
DU08	WSP2025g_A13-B02	05 May 2022	A13-B02	Normal	-
DU08	WSP2025g_A13-B03	05 May 2022	A13-B03	Normal	-
DU08	WSP2025g_A14-B01	06 May 2022	A14-B01	Normal	-
DU08	WSP2025g_A14-B02	06 May 2022	A14-B02	Normal	-
DU08	WSP2025g_A14-B03	06 May 2022	A14-B03	Normal	-
DU08	WSP2025g_Driveway	16 Sep 2021	Driveway - Frag 1 (new aggregate)	Normal	-
DU08	WSP2025g_EHR_SS01	13 Sep 2021	EHR_SS01	Normal	-
DU08	WSP2025g_EHR_SS02	13 Sep 2021	EHR_SS02	Normal	-
DU08	WSP2025g_EHR_SS03	13 Sep 2021	EHR_SS03	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM01	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM02	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM03	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM04	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM05	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM06	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM07	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM08	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM09	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM10	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM11	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM12	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM13	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM14	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM15	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM16	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM17	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM18	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM19	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM20	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM21	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM22	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM23	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM24	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM25	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM26	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM27	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM28	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM29	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM30	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM31	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM32	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM33	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM34	Normal	-

DU08 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos (ACM >7mm) Estimation_mass
					g
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM35	Normal	-
DU08	WSP2025g_KOG_VENM	23 Nov 2021	KOG_VENM36	Normal	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-1	Normal	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-2	Normal	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-3	Normal	-
DU08	WSP2025g_QSP1	11 Nov 2022	QSP1-4	Normal	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-1	Normal	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-2	Normal	-
DU08	WSP2025g_QSP2	01 Dec 2022	QSP2-3	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-1	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-2	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-3	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-4	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-5	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-6	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-7	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-8	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-9	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-10	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-11	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-12	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-13	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-14	Normal	-
DU08	WSP2025g_QSP3	01 Dec 2022	QSP3-15	Normal	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 1	Normal	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 2	Normal	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 3	Normal	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 4	Normal	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 5	Normal	-
DU08	WSP2025g_QUARRY	23 Nov 2022	QUARRY 6	Normal	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_0.1	Normal	-
DU08	WSP2025g_TP01	25 Mar 2022	TP01_1.0	Normal	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_0.5	Normal	-
DU08	WSP2025g_TP02	25 Mar 2022	TP02_1.7	Normal	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_0.5	Normal	-
DU08	WSP2025g_TP03	25 Mar 2022	TP03_1.0	Normal	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.1	Normal	-
DU08	WSP2025g_TP04	25 Mar 2022	TP04_0.8	Normal	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_0.2	Normal	-
DU08	WSP2025g_TP05	25 Mar 2022	TP05_1.8	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM1	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM2	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM3	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM4	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM5	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM6	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM7	Normal	-
DU08	WSP2025g_VENM	14 Nov 2022	VENM8	Normal	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.1_1.2)	Normal	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.2_1.3)	Normal	-
DU08	WSP2025gB4_TP01	21 Oct 2022	TP01(1.3_1.4)	Normal	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.1_1.2)	Normal	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.3_1.4)	Normal	-
DU08	WSP2025gB4_TP02	21 Oct 2022	TP02(1.4_1.5)	Normal	-
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.1	Normal	0
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.1	Normal	-
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.5	Normal	0
DU08	WSP2025j_PMW114	20 Jan 2025	PMW114-0.5	Normal	-

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m						260[#1]	NL [#2]																
>=1m, <2m						370	NL																
>=2m, <4m						630	NL																
>=4m						NL [#2]	NL																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	3,600	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	4,120	4,040	330	330	<100	<100	330	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	942	941	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	6	-	<5	<5	<0.1
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	128	120	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	21	21	<50	<50	150	<100	150	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	28	28	<50	<50	440	150	590	-	-	-	-	-	<5	<1	13	-	5	<5	<0.1
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	19	17	<50	<50	230	120	350	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	1,190	975	390	400	500	<100	900	-	-	-	-	-	<5	<1	5	-	7	7	<0.1
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	21	21	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	43	43	<50	<50	120	<100	120	-	-	-	-	-	<5	<1	10	-	38	7	0.5
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	237	237	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	5	-	20	<5	0.2
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	562	526	<50	<50	500	220	720	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	386	370	<50	<50	400	130	530	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	1,130	1,070	<50	<50	390	160	550	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	725	670	110	110	540	140	790	-	-	-	-	-	<5	<1	9	-	13	9	1.2
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	2	2	-	<5	<5	<0.1
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	<10	<10	<50	<50	160	<100	160	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	7	-	44	30	<0.1
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	<10	<10	<50	<50	210	<100	210	-	-	-	-	-	<5	<1	10	-	22	15	<0.1
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	-	8	6	<0.1
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	<10	<10	<50	<50	160	<100	160	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	7	-	<5	6	0.1
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-	<5	<5	<0.1
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	6	-	25	14	<0.1
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	23	-	41	<5	<0.1
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	10	-	17	8	<0.1
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	9	-	21	<5	2
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	25	25	1,210	1,210	2,730	110	4,050	<10	-	-	-	<50	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	<10	<10	90	90	210	<100	300	-	-	-	-	-	<5	<1	5	-	14	16	<0.1
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	32	32	400	400	460	<100	860	-	-	-	-	-	<5	<1	3	-	6	<5	0.5
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	<10	<10	<50	<50	120	<100	120	-	-	-	-	-	<5	<1	9	-	14	<5	1.5
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m						260[#1]	NL [#2]																
>=1m, <2m						370	NL																
>=2m, <4m						630	NL																
>=4m						NL [#2]	NL																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	3,600	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	**WSP2018_TP15D**	**12 Sep 2017**	**TP15_1.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP15D**	**12 Sep 2017**	**TP15_2.0_D**	**Normal**	155	155	6,480	6,490	3,980	<100	10,500	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1
DU10	**WSP2018_TP16B**	**26 Jul 2017**	**TP16_0.5_B**	**Normal**	<10	<10	250	250	980	140	1,370	<10	-	-	-	<50	-	-	-	-	-	-	-
DU10	**WSP2018_TP16B**	**26 Jul 2017**	**TP16_2.0_B**	**Normal**	114	114	210	210	4,370	1,520	6,100	<10	-	-	-	<50	<5	<1	<2	-	<5	<5	<0.1
DU10	**WSP2018_TP16D**	**12 Sep 2017**	**TP16_0.1_D**	**Normal**	<10	<10	<50	<50	150	<100	150	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP17B**	**26 Jul 2017**	**TP17_1.5_B**	**Normal**	<10	<10	<50	<50	530	110	640	<10	-	-	-	<50	-	-	-	-	-	-	-
DU10	**WSP2018_TP17D**	**25 Jul 2017**	**TP17_0.5_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP18B**	**26 Jul 2017**	**TP18_0.5_B**	**Normal**	11	11	<50	<50	440	<100	440	<10	-	-	-	<50	-	-	-	-	-	-	-
DU10	**WSP2018_TP18B**	**26 Jul 2017**	**TP18_2.0_B**	**Normal**	24	24	60	60	440	<100	500	<10	-	-	-	<50	<5	<1	9	-	40	12	0.3
DU10	**WSP2018_TP18D**	**25 Jul 2017**	**TP18_0.1_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP18D**	**25 Jul 2017**	**TP18_2.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1
DU10	**WSP2018_TP19B**	**26 Jul 2017**	**TP19_0.1_B**	**Normal**	<10	<10	<50	<50	330	<100	330	<10	-	-	-	<50	-	-	-	-	-	-	-
DU10	**WSP2018_TP19D**	**25 Jul 2017**	**TP19_1.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP20D**	**25 Jul 2017**	**TP20_0.5_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	-	12	6	<0.1
DU10	**WSP2018_TP21D**	**12 Sep 2017**	**TP21_0.5_D**	**Normal**	<10	<10	<50	<50	220	<100	220	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP21D**	**12 Sep 2017**	**TP21_2.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP22D**	**12 Sep 2017**	**TP22_1.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP23D**	**01 Feb 2018**	**TP23_0.5_D**	**Normal**	<10	<10	80	80	180	<100	260	-	-	-	-	-	<5	<1	18	-	14	<5	0.7
DU10	**WSP2018_TP24D**	**01 Feb 2018**	**TP24_1.5_D**	**Normal**	96	96	770	770	1,500	<100	2,270	-	-	-	-	-	<5	<1	13	-	14	9	1.7
DU10	**WSP2018_TP25D**	**02 Feb 2018**	**TP25_0.5_D**	**Normal**	819	819	5,600	5,620	5,310	<100	10,900	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP25D**	**02 Feb 2018**	**TP25_1.8_D**	**Normal**	1,850	1,810	6,190	6,230	5,510	<100	11,700	-	-	-	-	-	<5	<1	8	-	<5	<5	0.4
DU10	**WSP2018_TP26D**	**02 Feb 2018**	**TP26_0.5_D**	**Normal**	604	603	<50	<50	690	300	990	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP26D**	**02 Feb 2018**	**TP26_2.0_D**	**Normal**	1,190	1,150	60	60	480	190	730	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP28D**	**01 Feb 2018**	**TP28_1.0_D**	**Normal**	11	11	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	-	<5	<5	0.4
DU10	**WSP2018_TP29D**	**01 Feb 2018**	**TP29_1.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP30D**	**25 Jul 2017**	**TP30_0.1_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP30D**	**25 Jul 2017**	**TP30_1.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1
DU10	**WSP2018_TP31D**	**25 Jul 2017**	**TP31_2.0_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	9	-	9	<5	<0.1
DU10	**WSP2018_TP32D**	**25 Jul 2017**	**TP32_0.1_D**	**Normal**	<10	<10	50	50	<100	<100	50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP32D**	**25 Jul 2017**	**TP32_0.5_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-	<5	<5	<0.1
DU10	**WSP2018_TP37D**	**12 Sep 2017**	**TP37_0.1_D**	**Normal**	<10	<10	<50	<50	340	190	530	-	-	-	-	-	<5	<1	6	-	12	7	0.4
DU10	**WSP2018_TP37D**	**12 Sep 2017**	**TP37_1.0_D**	**Normal**	<10	<10	<50	<50	130	170	300	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP38B**	**26 Jul 2017**	**TP38_0.1_B**	**Normal**	<10	<10	70	70	480	<100	550	<10	-	-	-	<50	-	-	-	-	-	-	-
DU10	**WSP2018_TP38D**	**02 Feb 2018**	**TP38_0.1_D**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP39B**	**26 Jul 2017**	**TP39_0.5_B**	**Normal**	19	19	780	780	1,780	<100	2,560	<10	-	-	-	<50	-	-	-	-	-	-	-
DU10	**WSP2018_TP39B**	**26 Jul 2017**	**TP39_2.0_B**	**Normal**	92	92	1,120	1,130	2,040	<100	3,170	<10	-	-	-	<50	<5	<1	20	-	19	8	0.4
DU10	**WSP2018_TP39D**	**12 Sep 2017**	**TP39_0.5_D**	**Normal**	<10	<10	<50	<50	110	<100	110	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP40D**	**25 Jul 2017**	**TP40_1.0_D**	**Normal**	<10	<10	<50	<50	180	<100	180	-	-	-	-	-	<5	<1	9	-	18	7	0.4
DU10	**WSP2018_TP40D**	**25 Jul 2017**	**TP40_2.0_D**	**Normal**	<10	<10	<50	<50	110	<100	110	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP41D**	**01 Feb 2018**	**TP41_1.0_D**	**Normal**	17	17	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1
DU10	**WSP2018_TP41D**	**01 Feb 2018**	**TP41_1.5_D**	**Normal**	65	65	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP42D**	**01 Feb 2018**	**TP42_0.5_D**	**Normal**	2,120	2,120	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP42D**	**01 Feb 2018**	**TP42_1.5_D**	**Normal**	3,210	3,210	150	150	290	<100	440	-	-	-	-	-	<5	<1	3	-	8	<5	<0.1
DU10	**WSP2018_TP44D**	**02 Feb 2018**	**TP44_0.5_D**	**Normal**	908	886	70	70	660	290	1,020	-	-	-	-	-	<5	<1	10	-	21	<5	0.1
DU10	**WSP2018_TP44D**	**02 Feb 2018**	**TP44_1.8_D**	**Normal**	4,140	3,850	160	170	830	320	1,320	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP45D**	**25 Jul 2017**	**TP45_1.0_D**	**Normal**	828	667	120	120	190	<100	310	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2018_TP45D**	**25 Jul 2017**	**TP45_2.0_D**	**Normal**	1,780	1,310	60	60	<100	<100	60	-	-	-	-	-	<5	<1	7	-	5	12	1.7
DU10	**WSP2018_TP46D**	**02 Feb 2018**	**TP46_0.1_D**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m						260[#1]	NL [#2]																	
>=1m, <2m						370	NL																	
>=2m, <4m						630	NL																	
>=4m						NL [#2]	NL																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	3,600	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	3,730	3,440	100	100	340	120	560	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	180	176	<50	<50	110	<100	110	-	-	-	-	-	5	<1	34	-	16	19	0.5
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	899	899	<50	<50	120	<100	120	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	1,110	1,110	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	715	707	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	882	860	<50	<50	110	100	210	-	-	-	-	-	<5	<1	4	-	9	11	<0.1
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	5,120	4,940	100	100	<100	<100	100	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	100	100	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	0.1
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.1	<0.4	13	<1	8.6	<5	0.7
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<20	<20	<50	<50	<100	160	160	<20	<20	<50	110	110	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.0	<0.4	29	<1	11	<5	0.6
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	11	<1	8.8	<5	0.7
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.5	<0.4	11	<1	17	11	1.3
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	86	86	2.2	<0.4	9.9	<1	31	8.0	0.3
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	380	380	<50	<50	<100	<100	<100	280	88	<50	65	153	8.1	<0.4	11	<1	6.0	5.3	<0.1
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	270	270	<50	<50	<100	<100	<100	170	120	<50	59	179	<2	<0.4	5.9	<1	<5	<5	0.1
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.3	<0.4	5.4	<1	<5	7.6	0.3
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	6.0	<1	6.5	<5	0.1
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	59	<50	59	6.9	<0.4	8.2	<1	29	61	0.1
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	34	<50	<50	<50	8.9	<0.4	11	<1	31	33	<0.1
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	29	21	54	54	130	<100	184	<20	50	96	<50	146	6.1	<0.4	8.9	<1	36	39	<0.1
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	61	61	2.5	<0.4	21	<1	45	8.1	<0.1
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	38	38	<50	<50	800	370	1,170.0	<20	24	360	580	964	2.3	<0.4	27	<1	14	7.9	4.6
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.3	<0.4	19	<1	57	8.6	2.2
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	5.4	<1	6.6	<5	<0.1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4	<0.4	29	<1	34	16	2.7
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<20	<20	110	110	290	130	530	<20	55	250	130	435	2.9	<0.4	33	<1	31	27	17
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	200	200	1,900.0	1,900.0	1,700.0	220	3,820.0	110	1,300.0	2,200.0	290	3,790.0	2.3	<0.4	8.0	<1	8.8	<5	3.8
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	63	63	<50	<50	590	290	880	29	53	300	400	753	2.4	<0.4	13	<1	15	7.6	1.0
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	230	230	149.5	150	1,100.0	350	1,600.0	120	220	610	630	1,460.0	<2	<0.4	7.2	<1	8.6	<5	0.1
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	24	24	<50	<50	380	210	590	<20	<20	160	290	450	<2	<0.4	6.6	<1	9.4	15	<0.1
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	680	680	548.5	550	3,300.0	1,100.0	4,950.0	380	700	1,800.0	2,000.0	4,500.0	<2	<0.4	<5	<1	14	7.2	0.1
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	150	150	68	68	1,000.0	520	1,588.0	87	81	490	790	1,361.0	2.6	<0.4	17	<1	26	12	1.2

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m						260[#1]	NL [#2]																	
>=1m, <2m						370	NL																	
>=2m, <4m						630	NL																	
>=4m						NL [#2]	NL																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	3,600	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	150	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1	<0.4	37	<1	90	170	0.8
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<20	<20	<50	<50	320	190	510	<20	<20	200	210	410	7.9	<0.4	87	<1	65	37	5.8
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	8.5	<0.4	33	<1	12	7.9	0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	<5	<1	<5	<5	2.8
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	210	210	<50	<50	140	<100	140	110	79	64	71	214	2.4	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	82	82	<50	<50	970	350	1,320.0	36	59	490	620	1,169.0	2.3	<0.4	23	<1	39	18	2.1
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<20	<20	<50	<50	220	<100	220	<20	<20	120	130	250	9.4	<0.4	17	<1	47	120	0.4
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.8	<0.4	<5	<1	<5	7.3	<0.1
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<20	<20	<50	<50	170	<100	170	<20	<20	94	93	187	2.8	<0.4	24	<1	21	15	0.2
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.7	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	20	20	<50	<50	110	<100	110	<20	<20	55	72	127	3.3	<0.4	25	<1	25	16	1.1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	21	21	<50	<50	<100	<100	<100	<20	<20	<50	58	58	2.4	<0.4	15	<1	18	6.6	6.4
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	58	58	61	61	460	230	751	<20	68	240	370	678	2.4	<0.4	11	<1	9.5	<5	1.4
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<20	<20	<50	<50	170	<100	170	<20	<20	110	87	197	2.7	<0.4	11	<1	25	8.5	1.8
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	130	130	198.8	200	1,100.0	410	1,710.0	45	300	590	850	1,740.0	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<20	<20	<50	<50	180	<100	180	<20	<20	120	89	209	3.1	<0.4	1,800.0	<1	25	13	1.6
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	990	990	318.2	320	1,600.0	1,100.0	3,020.0	560	560	600	1,500.0	2,660.0	2.9	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.4	<0.4	<5	<1	5.9	<5	<0.1
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	<0.4	<5	<1	7.6	5.7	<0.1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<20	<20	<50	<50	170	<100	170	<20	<20	130	64	194	<2	<0.4	<5	<1	10	9.0	0.7
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	100	99	397.1	400	520	160	1,080.0	52	300	470	250	1,020.0	2.8	<0.4	24	<1	29	16	8.3
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<20	<20	<50	<50	140	<100	140	<20	<20	89	79	168	2.9	<0.4	16	<1	24	37	1.0
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1	<0.4	10	<1	21	16	0.4
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	71	71	<2	<0.4	9.9	<1	27	23	0.2
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	48	48	<50	<50	<100	<100	<100	25	54	<50	<50	54	<2	<0.4	11	<1	25	15	0.2
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<20	<20	<50	<50	170	120	290	<20	<20	74	140	214	3.3	<0.4	24	<1	48	38	0.1
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.5	<0.4	<5	<1	14	20	<0.1
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<20	<20	<50	<50	150	210	360	<20	<20	78	130	208	2.8	<0.4	13	<1	29	30	<0.1
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	8.0	<0.4	12	<1	<5	22	<0.1
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<20	<20	<50	<50	180	<100	180	<20	<20	100	110	210	2.5	<0.4	21	<1	48	40	0.3
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<20	<20	<50	<50	120	<100	120	<20	<20	71	73	144	2.2	<0.4	12	<1	36	26	2.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	53	<50	53	2.0	<0.4	12	<1	38	18	0.3
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1.25	<5	<5	<0.1
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	5.3	<1	19	26	<0.1
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	8.1	7.2	<0.1
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	7.8	<1	15	<5	<0.1
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	<5	<1	11	11	<0.1

DU10 - 1c: Soil Analytical Results – Human Health Screening

				Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals						
				C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m					260[#1]	NL [#2]																
>=1m, <2m					370	NL																
>=2m, <4m					630	NL																
>=4m					NL [#2]	NL																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																3,000[#3]	900	3,600[#4]	3,600	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	50	<50	50	9.1	<0.4	11	<1	45	52	0.2
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<20	<20	53	53	160	<100	213	<20	24	140	59	223	3.6	<0.4	14	<1	29	9.0	1.4
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	7.4	<1	6.0	<5	0.3
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	8.4	<1	18	5.5	0.1
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.7	<0.4	14	<1	6.0	27	<0.1
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	23	<1	36	13	0.3
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.9	<0.4	<5	<1	<5	<5	<0.1
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<20	<20	100	100	270	<100	370	<20	32	270	79	381	2.7	<0.4	8.8	<1	13	7.8	0.9
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	<20	<20	370	370	500	<100	870	<20	190	620	83	893	2.9	<0.4	13	<1	34	10	0.9
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	40	40	550	550	630	<100	1,180.0	<20	320	780	100	1,200.0	2.8	<0.4	9.7	<1	18	17	0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	130	<50	130	4.4	<0.4	30	<1	42	22	2.1
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	73	<50	73	2.1	<0.4	7.0	<1	<5	<5	0.1
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.6	<0.4	17	<1	49	7.3	0.2
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	9.5	<1	60	5.2	0.1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	52	52	9.4	<0.4	34	<1	62	43	1.5
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	7.9	<1	24	<5	0.2
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<20	<20	<50	<50	130	<100	130	<20	<20	87	65	152	3.1	<0.4	41	<1	34	12	0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.1	<0.4	8.3	<1	12	5.9	1.2
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	60	<50	60	5.7	<0.4	30	<1	34	9.5	2.8
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<20	<20	<50	<50	170	<100	170	<20	<20	130	89	219	2.7	<0.4	19	<1	36	13	0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.6	<0.4	<5	<1	6.3	<5	0.1
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.1	<0.4	<5	<1	11	6.1	<0.1
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	<5	<1	<5	<5	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

								Monocyclic Aromatic Hydrocarbons													
				Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m						3	NL [#2]	NL [#2]			230									NL [#2]	
>=1m, <2m						3	NL	NL			NL [#2]									NL	
>=2m, <4m						3	NL	NL			NL									NL	
>=4m						3	NL	NL			NL									NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				6,000	400,000												40 [#7]	40 [#7]	40 [#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										2,800 [#9]		35,000 [#9]	9,900 [#9]	1,800 [#9]	1,500 [#9]					8.6 [#9]	3,000 [#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	<0.5	<0.5	4.9	73.7	<0.5	73.7	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	6	16	<0.2	<0.5	<0.5	0.6	<0.5	0.6	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	<0.2	<0.5	1.6	6.1	<0.5	6.1	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	7	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	2	<0.5	2	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	5	93	<0.5	<0.5	27	188	<0.5	188	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	20	70	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	7	38	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	<0.2	<0.5	1.8	28.7	5.3	34	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	0.2	<0.5	1.4	12.1	2.3	14.4	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	<0.5	<0.5	4.4	44.4	8.2	52.6	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	14	325	<0.2	2.1	12.8	38	2.6	40.6	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	3	9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	5	146	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	8	83	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	<2	50	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	7	166	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	<2	79	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	16	84	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	214	70	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	45	89	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	37	114	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	7	155	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	5	106	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	19	80	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons																	
					Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m							3	NL [#2]	NL [#2]			230									NL [#2]	
>=1m, <2m							3	NL	NL			NL [#2]									NL	
>=2m, <4m							3	NL	NL			NL									NL	
>=4m							3	NL	NL			NL									NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					6,000	400,000												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)											2,800[#9]		35,000[#9]	9,900[#9]	1,800[#9]	1,500[#9]					8.6[#9]	3,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	<2	13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	11	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	<2	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	5.5	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	11	287	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	10	130	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	29	99	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	11	265	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	19	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	9	11	<0.2	<0.5	9.9	27	<0.5	27	-	-	-	-	-	-	-	-	40	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	1.1	<0.5	1.1	-	-	-	-	-	-	-	-	2	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	<0.2	<0.5	7.8	37.3	0.9	38.2	-	-	-	-	-	-	-	-	1	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	4	64	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	<2	31	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	5	29	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	3	139	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	9	283	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	14	188	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	3.7	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	11	181	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	3	10	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	6	19	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	1	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	28	82	<0.2	<0.5	4.9	17.6	<0.5	17.6	-	-	-	-	-	-	-	-	2	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	<0.5	<0.5	39.7	250	<0.5	250	-	-	-	-	-	-	-	-	10	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	113	47.5	160	-	-	-	-	-	-	-	-	4	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	6	547	0.6	15.7	8.8	344	100	444	-	-	-	-	-	-	-	-	4	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons																
					Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m							3	NL [#2]	NL [#2]			230									NL [#2]	
>=1m, <2m							3	NL	NL			NL [#2]									NL	
>=2m, <4m							3	NL	NL			NL									NL	
>=4m							3	NL	NL			NL									NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					6,000	400,000												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)											2,800[#9]		35,000[#9]	9,900[#9]	1,800[#9]	1,500[#9]					8.6[#9]	3,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	<2	<5	1	<0.5	32.3	255	0.6	256	-	-	-	-	-	-	-	-	5	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	26	290	<0.2	<0.5	<0.5	3.1	0.8	3.9	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	7.8	<0.5	7.8	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	9	46	<0.2	<0.5	<0.5	22.8	<0.5	22.8	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	0.8	<0.5	32.9	140	<0.5	140	-	-	-	-	-	-	-	-	2	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<5	28	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	14	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	27	59	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	8.9	100	0.6	0.2	0.2	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	1	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	19	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	22	72	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	11	12	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.8	0.9	<0.5	1.8	0.6	<0.5	1.2	<0.5	<1
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<5	22	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.1	<0.5	<0.5	1.1	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	5.6	45	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	8.7	29	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	15	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	14	72	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	17	99	0.1	<0.1	1.1	6.3	0.4	6.7	<0.5	<0.5	3.2	1.2	7.9	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	69	70	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	27	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	84	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<5	18	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	53	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	51	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	37	1,600.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	12	96	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	9.4
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	13	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	9.3	18	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	2.2	<0.5	<0.5	2.2	0.6	<0.5	1.2	<0.5	1.3
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<5	98	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<5	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	2.7	<0.5	<0.5	2.7	0.6	<0.5	1.2	2.1	5.0
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	38	73	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.3	<0.5	<0.5	1.3	0.6	<0.5	1.2	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons																	
					Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m							3	NL [#2]	NL [#2]			230									NL [#2]	
>=1m, <2m							3	NL	NL			NL [#2]									NL	
>=2m, <4m							3	NL	NL			NL									NL	
>=4m							3	NL	NL			NL									NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					6,000	400,000												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)											2,800[#9]		35,000[#9]	9,900[#9]	1,800[#9]	1,500[#9]					8.6[#9]	3,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	63	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	43	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	58	880	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<5	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	49	610	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.7	1.4	2.0	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	18	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<5	5.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<5	<5	<0.1	<0.1	0.6	0.3	<0.1	0.3	<0.5	2.6	12	2.4	3.5	0.6	<0.5	1.2	6.2	2.6
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	50	190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	<0.5	0.6	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	10	180	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	340	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	19	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<5	5.7	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	19	290	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	18	120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	18	93	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.8	<0.5	<0.5	0.8	1.2	<1	2.4	<1	<1
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	10	240	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<5	30	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.2	<0.5	<0.5	1.2	1.2	<1	2.4	1.5	4.0
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	24	220	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	12	<0.5	<0.5	12	0.6	<0.5	1.2	4.2	12
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	6.8	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	8.7	43	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	7.0	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	17	690	0.3	<0.1	0.5	0.3	<0.1	0.3	<0.5	2.1	<0.5	<0.5	3.2	1.2	<1	2.4	2.5	2.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	22	190	<0.1	<0.1	0.2	1.4	<0.1	1.4	<0.5	<0.5	<0.5	<0.5	1.6	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	18	77	<0.1	<0.1	0.1	0.5	<0.1	0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	23	180	<0.1	<0.1	<0.1	0.4	<0.1	0.4	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	12	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	<0.5	0.6	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	13	180	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<5	120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	8.7	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<5	9.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	12	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	10	350	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	7.7	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<5	8.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	12	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	8.4	49	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<5	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	5.8	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<5	8.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<5	71	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

				Monocyclic Aromatic Hydrocarbons																	
				Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m						3	NL [#2]	NL [#2]			230									NL [#2]	
>=1m, <2m						3	NL	NL			NL [#2]									NL	
>=2m, <4m						3	NL	NL			NL									NL	
>=4m						3	NL	NL			NL									NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				6,000	400,000												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										2,800[#9]		35,000[#9]	9,900[#9]	1,800[#9]	1,500[#9]					8.6[#9]	3,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	21	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	15	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	8.7	69	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	15	340	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	29	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<5	37	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	12	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	13	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	0.6
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	6.8	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	1.7
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	26	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	1.5	2.0	<0.5	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	8.4	93	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	9.3	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	8.6	70	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	43	360	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<5	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	20	350	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	23	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	29	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	<5	6.3	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	12	310	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	5.7	31	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	7.5	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	<5	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

								Polynuclear Aromatic Hydrocarbons													
								1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
>=0m, <1m														NL												
>=1m, <2m														NL												
>=2m, <4m														NL												
>=4m														NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									60,000[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		0.0084[#9]	2.1[#9]		2,100[#9]	23,000[#9]	0.1[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																						
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	1.2	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	0.7	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	6.8	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

									Polynuclear Aromatic Hydrocarbons												
									1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m															NL						
>=1m, <2m															NL						
>=2m, <4m															NL						
>=4m															NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										60,000[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		0.0084[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																			
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	8.1	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	0.9	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	12.1	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	12.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	3	-	-	-	-	-	0.7	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	10.4	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	38.1	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	0.5	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	0.7	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons																
					1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m											NL												
>=1m, <2m											NL												
>=2m, <4m											NL												
>=4m											NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						60,000[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		0.0084[#9]	2.1[#9]		2,100[#9]	23,000[#9]	0.1[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.5	<0.5	<0.5	0.7	<0.5	2.1	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	1.0	1.5	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons																
					1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m											NL												
>=1m, <2m											NL												
>=2m, <4m											NL												
>=4m											NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						60,000[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		0.0084[#9]	2.1[#9]		2,100[#9]	23,000[#9]	0.1[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.5	<0.5	<0.5	0.9	1.5	<0.5	<0.5	4.2	2.2	1.0	0.6	0.5	<0.5	1.2	-	1.9	3.8	<0.5	0.7
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.8	1.1	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<1	<1	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.8	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<1	<1	<1	<1	<1	<1	2.9	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

								Polynuclear Aromatic Hydrocarbons												
								1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m														NL						
>=1m, <2m														NL						
>=2m, <4m														NL						
>=4m														NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									60,000[#9]		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]		0.0084[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU10	WSP2025f_SPU24-SVB3	03 Sep 2024	SPU24-SVB3-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	03 Sep 2024	SPU24-SVB4-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	03 Sep 2024	SPU24-SVB5-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	03 Sep 2024	SPU24-SVB6-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	03 Sep 2024	SPU24-SVB7-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	03 Sep 2024	SPU24-SVB8-0.9	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	03 Sep 2024	SPU24-SVB9-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	2.6	3.7	1.0	0.9	0.8	<0.5	1.2	<0.5	0.8
DU10	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP13	16 Aug 2024	TP13_1.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP14	19 Aug 2024	TP14_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP15	16 Aug 2024	TP15_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP16	19 Aug 2024	TP16_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

								Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene							
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg							
EQL								0.05		0.1	0.1	0.5	0.1							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								2.1[#9]		2,100[#9]	23,000[#9]	0.1[#9]								

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU10	WSP2025f_SPU24-SVB3	03 Sep 2024	SPU24-SVB3-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	03 Sep 2024	SPU24-SVB4-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	03 Sep 2024	SPU24-SVB5-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	03 Sep 2024	SPU24-SVB6-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	03 Sep 2024	SPU24-SVB7-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	03 Sep 2024	SPU24-SVB8-0.9	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	03 Sep 2024	SPU24-SVB9-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP13	16 Aug 2024	TP13_1.5	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP14	19 Aug 2024	TP14_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP15	16 Aug 2024	TP15_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP16	19 Aug 2024	TP16_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

						Cyanides	Phenolic Compounds															
							Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.1	0.1	0.5		0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
>=0m, <1m																										
>=1m, <2m																										
>=2m, <4m																										
>=4m																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]			240,000			25,000									660	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							2.1[#9]	21[#9]			150[#9]			5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		25,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																						
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

						Cyanides	Phenolic Compounds															
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.5		0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				4,000[#8]			240,000			25,000									660	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2.1[#9]	21[#9]			150[#9]			5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		25,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	23.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	36.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	11.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	22.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	62.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

						Cyanides	Phenolic Compounds															

DU10 - 1c: Soil Analytical Results – Human Health Screening

						Cyanides	Phenolic Compounds															

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Cyanides	Phenolic Compounds																
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.5		0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				4,000[#8]			240,000			25,000									660	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2.1[#9]	21[#9]			150[#9]			5,800[#9]	41,000[#9]			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		25,000[#9]
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<0.5	<0.5	<0.5	-	<1	0.6	1.3	<0.5	<0.2	0.6	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<0.5	<0.5	<0.5	-	<1	0.6	1.3	<0.5	0.2	0.8	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<0.5	<0.5	<0.5	-	<1	0.6	1.2	<0.5	<0.2	0.6	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<0.5	<0.5	<0.5	-	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.8
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	<0.5	<0.5	<0.5	-	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<0.5	<0.5	<0.5	-	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<1	<1	<1	-	<1	<2	1.3	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<0.5	<0.5	<0.5	-	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	<1	<1	<1	-	-	<2	1.1	<1	<1	-	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<1	<1	<1	-	<1	<2	<2	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

										NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		
										Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
										mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg
EQL										0.5	0		0.1	0.1	2			3	0.02	10	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,600[#9]	1,600[#9]		820[#9]																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

										NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		
										Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
										mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg
EQL										0.5	0		0.1	0.1	2			3	0.02	10	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,600[#9]	1,600[#9]		820[#9]																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

										NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		
	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg
EQL	5	20	5	10	10	1	20		0.5	0		0.1	0.1	2			3	0.02	10	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,600[#9]	1,600[#9]		820[#9]																

Monitoring Zone	Location Code	Date	Field ID	Sample Type																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	4.9	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	4.1	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1

DU10 - 1c: Soil Analytical Results – Human Health Screening

										NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		
	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg
EQL	5	20	5	10	10	1	20		0.5	0		0.1	0.1	2			3	0.02	10	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,600[#9]	1,600[#9]		820[#9]																

Monitoring Zone	Location Code	Date	Field ID	Sample Type																		
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	2.0	3.7	6.9	3.2	<2	<0.003	0.014	8.8	<0.02	<10	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	2.0	3.6	8.7	5.1	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<5	<20	<5	<20	<10	<1	<20	-	19	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	2.0	2.9	8.7	5.8	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<5	-	<5	-	-	-	-	-	6.2	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<5	<20	<5	<20	<10	1	<20	-	3.6	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<10	<50	<10	<50	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<10	-	<10	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<10	-	<10	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<10	<50	<10	<50	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<10	-	<10	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<10	<50	<10	<50	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<5	-	<5	-	-	-	-	-	5.4	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<10	-	<10	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<10	<50	<10	<50	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<10	-	<10	-	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	1.1
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1

DU10 - 1c: Soil Analytical Results – Human Health Screening

										NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		
										Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
										mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg
EQL										0.5	0		0.1	0.1	2			3	0.02	10	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																					
			2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols												
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg												
			1,600[#9]	1,600[#9]		820[#9]																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	1.4	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	16	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<10	<50	<10	<50	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	<10	-	<10	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<10	<50	<10	<50	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	<1
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<5	<20	<5	<20	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	<0.1
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	<5	-	<5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Polychlorinated Biphenyls							Chlorinated Hydrocarbons					Sulfonated Compounds							
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m																							
>=1m, <2m																							
>=2m, <4m																							
>=4m																							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]	7.5[#9]	8[#9]	930[#9]			3,500[#9]				600[#9]		2,500[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Polychlorinated Biphenyls							Chlorinated Hydrocarbons					Sulfonated Compounds							
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m																							
>=1m, <2m																							
>=2m, <4m																							
>=4m																							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]	7.5[#9]	8[#9]	930[#9]			3,500[#9]				600[#9]		2,500[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Polychlorinated Biphenyls							Chlorinated Hydrocarbons					Sulfonated Compounds							
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m																							
>=1m, <2m																							
>=2m, <4m																							
>=4m																							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]	7.5[#9]	8[#9]	930[#9]			3,500[#9]				600[#9]		2,500[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.7	0.7	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Polychlorinated Biphenyls							Chlorinated Hydrocarbons					Sulfonated Compounds							
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m																							
>=1m, <2m																							
>=2m, <4m																							
>=4m																							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]	7.5[#9]	8[#9]	930[#9]			3,500[#9]				600[#9]		2,500[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	-	-	-	-	-	-	-	<1	<1	<1	0.5	0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<1	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Polychlorinated Biphenyls							Chlorinated Hydrocarbons					Sulfonated Compounds						
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m																							
>=1m, <2m																							
>=2m, <4m																							
>=4m																							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					27[#9]	0.83[#9]	0.72[#9]	0.95[#9]	0.94[#9]	0.97[#9]	0.99[#9]	7.5[#9]	8[#9]	930[#9]			3,500[#9]				600[#9]		2,500[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	-	-	-	-	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

												Organophosphorus Pesticides (OP)										
								Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									2,000																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								570[#9]		8,200[#9]				570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)																			
					Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						2,000																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					570[#9]		8,200[#9]				570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)																			
					Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						2,000																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					570[#9]		8,200[#9]				570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)																			
					Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						2,000																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					570[#9]		8,200[#9]				570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]					16,000[#9]	35[#9]		2,300[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2

DU10 - 1c: Soil Analytical Results – Human Health Screening

										Organophosphorus Pesticides (OP)												
										Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m																						
>=1m, <2m																						
>=2m, <4m																						
>=4m																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											2,000											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										570[#9]		8,200[#9]				570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]	

Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

																							Organoch
					Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45					530				3,600
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]		2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

																								Organoch
										Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
>=0m, <1m																									
>=1m, <2m																									
>=2m, <4m																									
>=4m																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				45				530				3,600
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]		2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																					
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

																							Organoch
					Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45					530				3,600
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]		2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

																							Organoch
					Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45					530				3,600
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]		2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05

DU10 - 1c: Soil Analytical Results – Human Health Screening

																						Organoch
										Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					45					530			3,600
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						4,900[#9]	210[#9]	160[#9]	58,000[#9]		29[#9]			0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]		2.5[#9]		9.6[#9]	9.3[#9]	8.5[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU10	WSP2025f_SPU24-SVB3	03 Sep 2024	SPU24-SVB3-0.8	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB4	03 Sep 2024	SPU24-SVB4-0.8	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	03 Sep 2024	SPU24-SVB5-0.8	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	03 Sep 2024	SPU24-SVB6-0.8	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB7	03 Sep 2024	SPU24-SVB7-0.8	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB8	03 Sep 2024	SPU24-SVB8-0.9	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	03 Sep 2024	SPU24-SVB9-0.8	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal		-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP09	16 Aug 2024	TP09_2.0	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal		-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal		-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP13	16 Aug 2024	TP13_1.5	Normal		-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
DU10	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP14	19 Aug 2024	TP14_1.5	Normal		-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP15	16 Aug 2024	TP15_1.5	Normal		-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1
DU10	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP16	19 Aug 2024	TP16_1.0	Normal		-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

					lorine Pesticides (OC)													Halogenated Aromatic C						
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								100			50		80	2,500	160									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							4,900[#9]					0.33[#9]						4.8[#9]	1,800[#9]	1,300[#9]	23,000[#9]	9,300[#9]		11[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					lorine Pesticides (OC)													Halogenated Aromatic C						
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								100			50		80	2,500	160									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							4,900[#9]					0.33[#9]						4.8[#9]	1,800[#9]	1,300[#9]	23,000[#9]	9,300[#9]		11[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					lorine Pesticides (OC)													Halogenated Aromatic C						
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								100			50		80	2,500	160									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							4,900[#9]					0.33[#9]						4.8[#9]	1,800[#9]	1,300[#9]	23,000[#9]	9,300[#9]		11[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

					lorine Pesticides (OC)													Halogenated Aromatic C						
					Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								100			50		80	2,500	160									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							4,900[#9]					0.33[#9]						4.8[#9]	1,800[#9]	1,300[#9]	23,000[#9]	9,300[#9]		11[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

	lorine Pesticides (OC)													Halogenated Aromatic C						
	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				100			50		80	2,500	160									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			4,900[#9]					0.33[#9]						4.8[#9]	1,800[#9]	1,300[#9]	23,000[#9]	9,300[#9]		11[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																		
DU10	WSP2025f_SPU24-SVB3	03 Sep 2024	SPU24-SVB3-0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	03 Sep 2024	SPU24-SVB4-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	03 Sep 2024	SPU24-SVB5-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	03 Sep 2024	SPU24-SVB6-0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	03 Sep 2024	SPU24-SVB7-0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	03 Sep 2024	SPU24-SVB8-0.9	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	03 Sep 2024	SPU24-SVB9-0.8	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	16 Aug 2024	TP09_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP13	16 Aug 2024	TP13_1.5	Normal	<1	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP14	19 Aug 2024	TP14_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP15	16 Aug 2024	TP15_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP16	19 Aug 2024	TP16_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

	ompounds						Halogenated Aliphatic Compo													
	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			35[#9]	930[#9]	110[#9]		630[#9]	3.2[#9]	370[#9]	460[#9]	1.7[#9]	30[#9]	23,000[#9]	350,000[#9]	1,000[#9]		16[#9]	370[#9]	300[#9]	36,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

	ompounds						Halogenated Aliphatic Compo													
	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			35[#9]	930[#9]	110[#9]		630[#9]	3.2[#9]	370[#9]	460[#9]	1.7[#9]	30[#9]	23,000[#9]	350,000[#9]	1,000[#9]		16[#9]	370[#9]	300[#9]	36,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

	ompounds						Halogenated Aliphatic Compo													
	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chbromethane	Vinyl chloride	Bromomethane	Chbroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			35[#9]	930[#9]	110[#9]		630[#9]	3.2[#9]	370[#9]	460[#9]	1.7[#9]	30[#9]	23,000[#9]	350,000[#9]	1,000[#9]		16[#9]	370[#9]	300[#9]	36,000[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

	ompounds						Halogenated Aliphatic Compo													
	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chbromethane	Vinyl chloride	Bromomethane	Chbroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			35[#9]	930[#9]	110[#9]		630[#9]	3.2[#9]	370[#9]	460[#9]	1.7[#9]	30[#9]	23,000[#9]	350,000[#9]	1,000[#9]		16[#9]	370[#9]	300[#9]	36,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

	ompounds																			
																				Halogenated Aliphatic Compo
	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chbromethane	Vinyl chloride	Bromomethane	Chbroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			35[#9]	930[#9]	110[#9]		630[#9]	3.2[#9]	370[#9]	460[#9]	1.7[#9]	30[#9]	23,000[#9]	350,000[#9]	1,000[#9]		16[#9]	370[#9]	300[#9]	36,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

					unds										Trihalomethanes				Fumigants			
					Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2.9[#9]	2[#9]	6[#9]	99[#9]	5[#9]	23,000[#9]	100[#9]	8.8[#9]	2.7[#9]	0.11[#9]	1,000[#9]	5.3[#9]	1.3[#9]	39[#9]	86[#9]	1.4[#9]	0.16[#9]	11[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					unds											Trihalomethanes				Fumigants			
					Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m																							
>=1m, <2m																							
>=2m, <4m																							
>=4m																							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2.9[#9]	2[#9]	6[#9]	99[#9]	5[#9]	23,000[#9]	100[#9]	8.8[#9]	2.7[#9]	0.11[#9]	1,000[#9]	5.3[#9]	1.3[#9]	39[#9]	86[#9]	1.4[#9]	0.16[#9]	11[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Volatile Organic Compounds											Trihalomethanes				Fumigants			
					Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2.9[#9]	2[#9]	6[#9]	99[#9]	5[#9]	23,000[#9]	100[#9]	8.8[#9]	2.7[#9]	0.11[#9]	1,000[#9]	5.3[#9]	1.3[#9]	39[#9]	86[#9]	1.4[#9]	0.16[#9]	11[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

					unds										Trihalomethanes				Fumigants			
					Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2.9[#9]	2[#9]	6[#9]	99[#9]	5[#9]	23,000[#9]	100[#9]	8.8[#9]	2.7[#9]	0.11[#9]	1,000[#9]	5.3[#9]	1.3[#9]	39[#9]	86[#9]	1.4[#9]	0.16[#9]	11[#9]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

													Trihalomethanes				Fumigants				

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Phthalate Esters						Nitrosamines				Nitroaromatics and Ketones									
					Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					1,200[#9]	82,000[#9]	660,000[#9]		8,200[#9]	160[#9]	82,000[#9]	0.46[#9]	0.33[#9]	0.24[#9]		7.4[#9]	1.5[#9]	1.3[#9]		0.11[#9]	120,000[#9]	0.5[#9]	22[#9]	13[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Phthalate Esters						Nitrosamines				Nitroaromatics and Ketones									
					Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					1,200[#9]	82,000[#9]	660,000[#9]		8,200[#9]	160[#9]	82,000[#9]	0.46[#9]	0.33[#9]	0.24[#9]		7.4[#9]	1.5[#9]	1.3[#9]		0.11[#9]	120,000[#9]	0.5[#9]	22[#9]	13[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Phthalate Esters						Nitrosamines				Nitroaromatics and Ketones									
					Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					1,200[#9]	82,000[#9]	660,000[#9]		8,200[#9]	160[#9]	82,000[#9]	0.46[#9]	0.33[#9]	0.24[#9]		7.4[#9]	1.5[#9]	1.3[#9]		0.11[#9]	120,000[#9]	0.5[#9]	22[#9]	13[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Phthalate Esters						Nitrosamines				Nitroaromatics and Ketones									
					Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
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NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					1,200[#9]	82,000[#9]	660,000[#9]		8,200[#9]	160[#9]	82,000[#9]	0.46[#9]	0.33[#9]	0.24[#9]		7.4[#9]	1.5[#9]	1.3[#9]		0.11[#9]	120,000[#9]	0.5[#9]	22[#9]	13[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	0.6	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<1	<1	<1	2.4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<1	<1	<1	2.4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<1	<1	<1	2.4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<1	<1	<1	2.4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

					Phthalate Esters						Nitrosamines				Nitroaromatics and Ketones									
					Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					1,200[#9]	82,000[#9]	660,000[#9]		8,200[#9]	160[#9]	82,000[#9]	0.46[#9]	0.33[#9]	0.24[#9]		7.4[#9]	1.5[#9]	1.3[#9]		0.11[#9]	120,000[#9]	0.5[#9]	22[#9]	13[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<1	<1	<1	2.8	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<1	<1	<1	2.4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<1	<1	<1	2.4	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1c: Soil Analytical Results – Human Health Screening

				Oxygenated Compounds			Benzidine	SPOCAS	Anilines				Haloethers				
				Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine	Liming Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				62,000[#9]	1,100,000[#9]	190,000[#9]	140,000[#9]	5.1[#9]		8,000[#9]	400[#9]	1,200[#9]	420[#9]		47,000[#9]	2,500[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	05 Nov 2018	BH01_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_3.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.3_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	12 Sep 2017	TP07_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	12 Sep 2017	TP08_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	26 Jul 2017	TP09_1.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

				Oxygenated Compounds			Benzidine	SPOCAS	Anilines				Haloethers			
				Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine	Liming Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				62,000[#9]	1,100,000[#9]	190,000[#9]	140,000[#9]	5.1[#9]		8,000[#9]	400[#9]	1,200[#9]	420[#9]		47,000[#9]	2,500[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU10	WSP2018_TP15D	12 Sep 2017	TP15_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	12 Sep 2017	TP15_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16D	12 Sep 2017	TP16_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	26 Jul 2017	TP17_1.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	25 Jul 2017	TP17_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	26 Jul 2017	TP18_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	25 Jul 2017	TP18_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	26 Jul 2017	TP19_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	25 Jul 2017	TP19_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	25 Jul 2017	TP20_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	12 Sep 2017	TP21_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	25 Jul 2017	TP30_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	25 Jul 2017	TP31_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	12 Sep 2017	TP37_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	26 Jul 2017	TP38_0.1_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.5_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_2.0_B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	12 Sep 2017	TP39_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	25 Jul 2017	TP40_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_1.8_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	25 Jul 2017	TP45_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1c: Soil Analytical Results – Human Health Screening

				Oxygenated Compounds			Benzidine	SPOCAS	Anilines				Haloethers			
				Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine	Liming Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				62,000[#9]	1,100,000[#9]	190,000[#9]	140,000[#9]	5.1[#9]		8,000[#9]	400[#9]	1,200[#9]	420[#9]		47,000[#9]	2,500[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU10	WSP2018_TP46D	02 Feb 2018	TP46_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_1.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_2.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_1.0_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	25 Jul 2017	TP52_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.5_D	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	06 Sep 2024	SPU24_SVB_QA3	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.5	0.7	<0.5	1.6	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_QA05	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB_QA05A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<1	<0.5	<0.5	3.4	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1

DU10 - 1c: Soil Analytical Results – Human Health Screening

				Oxygenated Compounds			Benzidine	SPOCAS	Anilines				Haloethers			
				Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine	Liming Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				62,000[#9]	1,100,000[#9]	190,000[#9]	140,000[#9]	5.1[#9]		8,000[#9]	400[#9]	1,200[#9]	420[#9]		47,000[#9]	2,500[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24_QA13A	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14	Normal	-	-	-	-	-	<1	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.5	<0.5	<0.5	<0.5	0.6	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6-0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8-0.9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	03 Sep 2024	SPU24-SVB1-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB10	03 Sep 2024	SPU24-SVB10-0.8	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB11	03 Sep 2024	SPU24-SVB11-0.7	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB12	03 Sep 2024	SPU24-SVB12-0.6	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB13	03 Sep 2024	SPU24-SVB13-0.5	Normal	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	03 Sep 2024	SPU24-SVB2-0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1c: Soil Analytical Results – Human Health Screening

				Oxygenated Compounds			Benzidine	SPOCAS	Anilines				Haloethers			
				Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine	Liming Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				62,000[#9]	1,100,000[#9]	190,000[#9]	140,000[#9]	5.1[#9]		8,000[#9]	400[#9]	1,200[#9]	420[#9]		47,000[#9]	2,500[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU10	**WSP2025f_SPU24-SVB3**	**03 Sep 2024**	**SPU24-SVB3-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB4**	**03 Sep 2024**	**SPU24-SVB4-0.8**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_SPU24-SVB5**	**03 Sep 2024**	**SPU24-SVB5-0.8**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_SPU24-SVB6**	**03 Sep 2024**	**SPU24-SVB6-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB7**	**03 Sep 2024**	**SPU24-SVB7-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_SPU24-SVB8**	**03 Sep 2024**	**SPU24-SVB8-0.9**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_SPU24-SVB9**	**03 Sep 2024**	**SPU24-SVB9-0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_0.5**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_1.0**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP09**	**16 Aug 2024**	**TP09_2.0**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_0.2**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP10**	**16 Aug 2024**	**TP10_2.0**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP11**	**16 Aug 2024**	**TP11_1.0**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_0.5**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP12**	**16 Aug 2024**	**TP12_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_0.2**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP13**	**16 Aug 2024**	**TP13_1.5**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**19 Aug 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_0.2**	**Normal**	<1	<0.5	<0.5	<0.5	<1	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP15**	**16 Aug 2024**	**TP15_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**19 Aug 2024**	**TP16_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (re
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bio
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is prese
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should r
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**														
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	4,120	4,040	330	330	<100	<100	330	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	942	941	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	6	-	<5	<5	<0.1	6
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	128	120	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	21	21	<50	<50	150	<100	150	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	28	28	<50	<50	440	150	590	-	-	-	-	-	<5	<1	13	-	5	<5	<0.1	7
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	19	17	<50	<50	230	120	350	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	1,190	975	390	400	500	<100	900	-	-	-	-	-	<5	<1	5	-	7	7	<0.1	5
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	21	21	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	43	43	<50	<50	120	<100	120	-	-	-	-	-	<5	<1	10	-	38	7	0.5	20
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	237	237	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	5	-	20	<5	0.2	7
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	562	526	<50	<50	500	220	720	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	386	370	<50	<50	400	130	530	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	1,130	1,070	<50	<50	390	160	550	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	725	670	110	110	540	140	790	-	-	-	-	-	<5	<1	9	-	13	9	1.2	14
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	2	2	-	<5	<5	<0.1	3
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	<10	<10	<50	<50	160	<100	160	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	7	-	44	30	<0.1	5
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	<10	<10	<50	<50	210	<100	210	-	-	-	-	-	<5	<1	10	-	22	15	<0.1	8
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	-	8	6	<0.1	<2
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	<10	<10	<50	<50	160	<100	160	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	7	-	<5	6	0.1	7
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-	<5	<5	<0.1	<2
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	6	-	25	14	<0.1	16
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	23	-	41	<5	<0.1	214
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	10	-	17	8	<0.1	45
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	9	-	21	<5	2	37
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	25	25	1,210	1,210	2,730	110	4,050	<10	-	-	-	<50	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	<10	<10	90	90	210	<100	300	-	-	-	-	-	<5	<1	5	-	14	16	<0.1	7
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	32	32	400	400	460	<100	860	-	-	-	-	-	<5	<1	3	-	6	<5	0.5	5
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	<10	<10	<50	<50	120	<100	120	-	-	-	-	-	<5	<1	9	-	14	<5	1.5	19
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	155	155	6,480	6,490	3,980	<100	10,500	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1	<2
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	<10	<10	250	250	980	140	1,370	<10	-	-	-	<50	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	114	114	210	210	4,370	1,520	6,100	<10	-	-	-	<50	<5	<1	<2	-	<5	<5	<0.1	<2

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**														
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	<10	<10	<50	<50	150	<100	150	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	<10	<10	<50	<50	530	110	640	<10	-	-	-	<50	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	11	11	<50	<50	440	<100	440	<10	-	-	-	<50	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	24	24	60	60	440	<100	500	<10	-	-	-	<50	<5	<1	9	-	40	12	0.3	11
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1	<2
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	<10	<10	<50	<50	330	<100	330	<10	-	-	-	<50	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	-	12	6	<0.1	10
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	<10	<10	<50	<50	220	<100	220	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	<10	<10	80	80	180	<100	260	-	-	-	-	-	<5	<1	18	-	14	<5	0.7	29
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	96	96	770	770	1,500	<100	2,270	-	-	-	-	-	<5	<1	13	-	14	9	1.7	11
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	819	819	5,600	5,620	5,310	<100	10,900	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	1,850	1,810	6,190	6,230	5,510	<100	11,700	-	-	-	-	-	<5	<1	8	-	<5	<5	0.4	9
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	604	603	<50	<50	690	300	990	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	1,190	1,150	60	60	480	190	730	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	11	11	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	-	<5	<5	0.4	4
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1	<2
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	9	-	9	<5	<0.1	5
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	<10	<10	50	50	<100	<100	50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-	<5	<5	<0.1	3
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	<10	<10	<50	<50	340	190	530	-	-	-	-	-	<5	<1	6	-	12	7	0.4	9
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	<10	<10	<50	<50	130	170	300	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	<10	<10	70	70	480	<100	550	<10	-	-	-	<50	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	19	19	780	780	1,780	<100	2,560	<10	-	-	-	<50	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	92	92	1,120	1,130	2,040	<100	3,170	<10	-	-	-	<50	<5	<1	20	-	19	8	0.4	14
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	<10	<10	<50	<50	110	<100	110	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	180	<100	180	-	-	-	-	-	<5	<1	9	-	18	7	0.4	11
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	110	<100	110	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	17	17	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1	3
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	65	65	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	2,120	2,120	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	3,210	3,210	150	150	290	<100	440	-	-	-	-	-	<5	<1	3	-	8	<5	<0.1	6
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	908	886	70	70	660	290	1,020	-	-	-	-	-	<5	<1	10	-	21	<5	0.1	28
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	4,140	3,850	160	170	830	320	1,320	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	828	667	120	120	190	<100	310	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	1,780	1,310	60	60	<100	<100	60	-	-	-	-	-	<5	<1	7	-	5	12	1.7	6
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	3,730	3,440	100	100	340	120	560	-	-	-	-	-	<5	<1	<2	-	<5	<5	<0.1	<2
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	180	176	<50	<50	110	<100	110	-	-	-	-	-	5	<1	34	-	16	19	0.5	26
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	899	899	<50	<50	120	<100	120	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	1,110	1,110	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	715	707	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	882	860	<50	<50	110	100	210	-	-	-	-	-	<5	<1	4	-	9	11	<0.1	9
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	5,120	4,940	100	100	<100	<100	100	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	100	100	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**														
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	0.1	<5
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.1	<0.4	13	<1	8.6	<5	0.7	14
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<20	<20	<50	<50	<100	160	160	<20	<20	<50	110	110	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.0	<0.4	29	<1	11	<5	0.6	27
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	11	<1	8.8	<5	0.7	8.9
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.5	<0.4	11	<1	17	11	1.3	19
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	86	86	2.2	<0.4	9.9	<1	31	8.0	0.3	22
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	380	380	<50	<50	<100	<100	<100	280	88	<50	65	153	8.1	<0.4	11	<1	6.0	5.3	<0.1	11
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	270	270	<50	<50	<100	<100	<100	170	120	<50	59	179	<2	<0.4	5.9	<1	<5	<5	0.1	<5
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.3	<0.4	5.4	<1	<5	7.6	0.3	5.6
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	6.0	<1	6.5	<5	0.1	8.7
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	59	<50	59	6.9	<0.4	8.2	<1	29	61	0.1	15
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	34	<50	<50	<50	8.9	<0.4	11	<1	31	33	<0.1	14
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	29	21	54	54	130	<100	184	<20	50	96	<50	146	6.1	<0.4	8.9	<1	36	39	<0.1	17
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	61	61	2.5	<0.4	21	<1	45	8.1	<0.1	69
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	38	38	<50	<50	800	370	1,170.0	<20	24	360	580	964	2.3	<0.4	27	<1	14	7.9	4.6	27
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.3	<0.4	19	<1	57	8.6	2.2	84
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	5.4	<1	6.6	<5	<0.1	<5
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4	<0.4	29	<1	34	16	2.7	51
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<20	<20	110	110	290	130	530	<20	55	250	130	435	2.9	<0.4	33	<1	31	27	17	37
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	53
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	200	200	1,900.0	1,900.0	1,700.0	220	3,820.0	110	1,300.0	2,200.0	290	3,790.0	2.3	<0.4	8.0	<1	8.8	<5	3.8	12
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	63	63	<50	<50	590	290	880	29	53	300	400	753	2.4	<0.4	13	<1	15	7.6	1.0	13
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	230	230	149.5	150	1,100.0	350	1,600.0	120	220	610	630	1,460.0	<2	<0.4	7.2	<1	8.6	<5	0.1	9.3
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	24	24	<50	<50	380	210	590	<20	<20	160	290	450	<2	<0.4	6.6	<1	9.4	15	<0.1	<5
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	680	680	548.5	550	3,300.0	1,100.0	4,950.0	380	700	1,800.0	2,000.0	4,500.0	<2	<0.4	<5	<1	14	7.2	0.1	<5
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	150	150	68	68	1,000.0	520	1,588.0	87	81	490	790	1,361.0	2.6	<0.4	17	<1	26	12	1.2	38
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	82	82	<50	<50	970	350	1,320.0	36	59	490	620	1,169.0	2.3	<0.4	23	<1	39	18	2.1	50
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<20	<20	<50	<50	220	<100	220	<20	<20	120	130	250	9.4	<0.4	17	<1	47	120	0.4	10
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.8	<0.4	<5	<1	<5	7.3	<0.1	<5
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99	150	-	63
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-	43
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1	<0.4	37	<1	90	170	0.8	58
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<20	<20	<50	<50	320	190	510	<20	<20	200	210	410	7.9	<0.4	87	<1	65	37	5.8	49
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	8.5	<0.4	33	<1	12	7.9	0.5	18
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	<5	<1	<5	<5	2.8	<5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	210	210	<50	<50	140	<100	140	110	79	64	71	214	2.4	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.9	<0.4	<5	<1	<5	<5	<0.1	<5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**														
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	8.1	7.2	<0.1	8.4
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	7.8	<1	15	<5	<0.1	5.8
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<20	<20	<50	<50	170	<100	170	<20	<20	94	93	187	2.8	<0.4	24	<1	21	15	0.2	19
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.7	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	20	20	<50	<50	110	<100	110	<20	<20	55	72	127	3.3	<0.4	25	<1	25	16	1.1	19
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	21	21	<50	<50	<100	<100	<100	<20	<20	<50	58	58	2.4	<0.4	15	<1	18	6.6	6.4	18
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	58	58	61	61	460	230	751	<20	68	240	370	678	2.4	<0.4	11	<1	9.5	<5	1.4	18
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<20	<20	<50	<50	170	<100	170	<20	<20	110	87	197	2.7	<0.4	11	<1	25	8.5	1.8	10
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	130	130	198.8	200	1,100.0	410	1,710.0	45	300	590	850	1,740.0	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<20	<20	<50	<50	180	<100	180	<20	<20	120	89	209	3.1	<0.4	1,800.0	<1	25	13	1.6	24
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	990	990	318.2	320	1,600.0	1,100.0	3,020.0	560	560	600	1,500.0	2,660.0	2.9	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.4	<0.4	<5	<1	5.9	<5	<0.1	6.8
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.9	<0.4	<5	<1	7.6	5.7	<0.1	8.7
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<20	<20	<50	<50	170	<100	170	<20	<20	130	64	194	<2	<0.4	<5	<1	10	9.0	0.7	7.0
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	100	99	397.1	400	520	160	1,080.0	52	300	470	250	1,020.0	2.8	<0.4	24	<1	29	16	8.3	17
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	<20	<20	<50	<50	140	<100	140	<20	<20	89	79	168	2.9	<0.4	16	<1	24	37	1.0	22
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1	<0.4	10	<1	21	16	0.4	18
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	71	71	<2	<0.4	9.9	<1	27	23	0.2	23
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	48	48	<50	<50	<100	<100	<100	25	54	<50	<50	54	<2	<0.4	11	<1	25	15	0.2	12
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<20	<20	<50	<50	170	120	290	<20	<20	74	140	214	3.3	<0.4	24	<1	48	38	0.1	13
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.5	<0.4	<5	<1	14	20	<0.1	<5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<20	<20	<50	<50	150	210	360	<20	<20	78	130	208	2.8	<0.4	13	<1	29	30	<0.1	8.7
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	8.0	<0.4	12	<1	<5	22	<0.1	<5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<20	<20	<50	<50	180	<100	180	<20	<20	100	110	210	2.5	<0.4	21	<1	48	40	0.3	12
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	<20	<20	<50	<50	120	<100	120	<20	<20	71	73	144	2.2	<0.4	12	<1	36	26	2.5	10
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	53	<50	53	2.0	<0.4	12	<1	38	18	0.3	7.7
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1.25	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	5.3	<1	19	26	<0.1	12
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	<5	<1	11	11	<0.1	<5
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	50	<50	50	9.1	<0.4	11	<1	45	52	0.2	21
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<20	<20	53	53	160	<100	213	<20	24	140	59	223	3.6	<0.4	14	<1	29	9.0	1.4	15
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	7.4	<1	6.0	<5	0.3	8.7
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	8.4	<1	18	5.5	0.1	15
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.7	<0.4	14	<1	6.0	27	<0.1	<5
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	23	<1	36	13	0.3	29
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<20	<20	100	100	270	<100	370	<20	32	270	79	381	2.7	<0.4	8.8	<1	13	7.8	0.9	12
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	<20	<20	370	370	500	<100	870	<20	190	620	83	893	2.9	<0.4	13	<1	34	10	0.9	13
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	40	40	550	550	630	<100	1,180.0	<20	320	780	100	1,200.0	2.8	<0.4	9.7	<1	18	17	0.5	6.8
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<20	<20	<50	<50	160	<100	160	<20	<20	130	<50	130	4.4	<0.4	30	<1	42	22	2.1	26
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	73	<50	73	2.1	<0.4	7.0	<1	<5	<5	0.1	8.4
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.6	<0.4	17	<1	49	7.3	0.2	9.3
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	9.5	<1	60	5.2	0.1	8.6
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	52	52	9.4	<0.4	34	<1	62	43	1.5	43

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	50	20	20	50	50	50	2	0.4	1	1	1	1	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**														
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	7.9	<1	24	<5	0.2	<5
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<20	<20	<50	<50	130	<100	130	<20	<20	87	65	152	3.1	<0.4	41	<1	34	12	0.5	20
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.1	<0.4	8.3	<1	12	5.9	1.2	23
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	60	<50	60	5.7	<0.4	30	<1	34	9.5	2.8	29
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<0.1	<5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<20	<20	<50	<50	170	<100	170	<20	<20	130	89	219	2.7	<0.4	19	<1	36	13	0.5	12
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.6	<0.4	<5	<1	6.3	<5	0.1	5.7
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.1	<0.4	<5	<1	11	6.1	<0.1	7.5
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	<5	<1	<5	<5	<0.1	<5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons																			
					Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**430**	**99,000**	**27,000**			**81,000**									**11,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*1,100*	*120,000*	*85,000*			*130,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	<0.5	<0.5	4.9	73.7	<0.5	73.7	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	16	<0.2	<0.5	<0.5	0.6	<0.5	0.6	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	<0.2	<0.5	1.6	6.1	<0.5	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	<0.2	<0.5	<0.5	2	<0.5	2	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	93	<0.5	<0.5	27	188	<0.5	188	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	70	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	38	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	<0.2	<0.5	1.8	28.7	5.3	34	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	0.2	<0.5	1.4	12.1	2.3	14.4	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	<0.5	<0.5	4.4	44.4	8.2	52.6	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	325	<0.2	2.1	12.8	38	2.6	40.6	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	146	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	83	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	50	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	166	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	79	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	84	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	70	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	89	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	114	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	155	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	106	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	80	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	11	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	5.5	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons																			
					Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**430**	**99,000**	**27,000**			**81,000**									**11,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*1,100*	*120,000*	*85,000*			*130,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	287	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	130	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	99	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	265	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	19	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	11	<0.2	<0.5	9.9	27	<0.5	27	-	-	-	-	-	-	-	-	40	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	<0.2	<0.5	<0.5	1.1	<0.5	1.1	-	-	-	-	-	-	-	-	2	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	<0.2	<0.5	7.8	37.3	0.9	38.2	-	-	-	-	-	-	-	-	1	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	64	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	31	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	29	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	139	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	283	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	188	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	3.7	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	181	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	10	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	19	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	1	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	82	<0.2	<0.5	4.9	17.6	<0.5	17.6	-	-	-	-	-	-	-	-	2	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	<0.5	<0.5	39.7	250	<0.5	250	-	-	-	-	-	-	-	-	10	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	113	47.5	160	-	-	-	-	-	-	-	-	4	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	547	0.6	15.7	8.8	344	100	444	-	-	-	-	-	-	-	-	4	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	<5	1	<0.5	32.3	255	0.6	256	-	-	-	-	-	-	-	-	5	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	290	<0.2	<0.5	<0.5	3.1	0.8	3.9	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	<0.2	<0.5	<0.5	7.8	<0.5	7.8	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	46	<0.2	<0.5	<0.5	22.8	<0.5	22.8	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	0.8	<0.5	32.9	140	<0.5	140	-	-	-	-	-	-	-	-	2	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons																			
					Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**430**	**99,000**	**27,000**			**81,000**									**11,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*1,100*	*120,000*	*85,000*			*130,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<1	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	28	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1	<1	<1	<0.5
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1	<1	<1	<0.5
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1	<1	<1	<0.5
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	59	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	100	0.6	0.2	0.2	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	72	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1	<1	<1	<0.5
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	12	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.8	0.9	<0.5	1.8	0.6	<0.5	1.2	<0.5	<1	<1	<1	<0.5
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	22	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.1	<0.5	<0.5	1.1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	45	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	29	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<1	<1	<1	<0.5
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	72	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	99	0.1	<0.1	1.1	6.3	0.4	6.7	<0.5	<0.5	3.2	1.2	7.9	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	70	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	18	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	1,600.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	96	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	9.4	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	18	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	2.2	<0.5	<0.5	2.2	0.6	<0.5	1.2	<0.5	1.3	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	98	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	2.7	<0.5	<0.5	2.7	0.6	<0.5	1.2	2.1	5.0	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	73	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.3	<0.5	<0.5	1.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	<0.5	0.6	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	180	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	880	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	610	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.7	1.4	2.0	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	5.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	<5	<0.1	<0.1	0.6	0.3	<0.1	0.3	<0.5	2.6	12	2.4	3.5	0.6	<0.5	1.2	6.2	2.6	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	37	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons																	
					Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(e)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**430**	**99,000**	**27,000**			**81,000**									**11,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*1,100*	*120,000*	*85,000*			*130,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	49	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	19	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	8.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	5.7	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	290	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	93	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.8	<0.5	<0.5	0.8	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	240	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	30	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	1.2	<0.5	<0.5	1.2	1.2	<1	2.4	1.5	4.0	<1	<1	<1
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	220	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	12	<0.5	<0.5	12	0.6	<0.5	1.2	4.2	12	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	25	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	43	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	690	0.3	<0.1	0.5	0.3	<0.1	0.3	<0.5	2.1	<0.5	<0.5	3.2	1.2	<1	2.4	2.5	2.5	<1	<1	<1
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	190	<0.1	<0.1	0.2	1.4	<0.1	1.4	<0.5	<0.5	<0.5	<0.5	1.6	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	77	<0.1	<0.1	0.1	0.5	<0.1	0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	180	<0.1	<0.1	<0.1	0.4	<0.1	0.4	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	0.6	<0.5	<0.5	0.6	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	180	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	9.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	350	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	210	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	8.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	340	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	71	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	69	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	340	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	0.6	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	1.7	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	1.5	2.0	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	93	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	70	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	360	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

									Monocyclic Aromatic Hydrocarbons													
				Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**430**	**99,000**	**27,000**			**81,000**									**11,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*1,100*	*120,000*	*85,000*			*130,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	350	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	6.3	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	310	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<1	2.4	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	31	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons																		
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	2.5
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	0.9
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	0.7
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	1.2	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	7.8
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	0.7	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	2.4
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	1.5
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	6.8	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	12.4
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	8.1	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	23.4
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	1
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	0.9	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	6.4

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons																		
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	12.1	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	36.9
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	12.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	49
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	0.6
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	0.9
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	3	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-	11.4
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	0.8
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	10.4	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	22.3
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	38.1	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	62.1
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	1.9
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	4.3
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	0.7	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	8.8
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	2
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	2.5
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	2.6
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	1.8
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons																		
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1	-
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1	-
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1	-
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	5.9	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1	-
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1	-
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	-	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<1	-
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	0.7	<0.5	2.1	<0.5	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<0.5	<0.5	1.0	1.5	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	0.6	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.8	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	0.9	1.5	<0.5	<0.5	4.2	2.2	1.0	0.6	0.5	<0.5	1.2	-	1.9	3.8	<0.5	0.7	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	8.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons																		
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	<0.5	<0.5	0.6	1.8	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	<1	<1	<1	2.9	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<0.5	<0.5	0.7	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<0.5	0.8	<0.5	<0.5	2.6	3.7	1.0	0.9	0.8	<0.5	1.2	-	1.0	3.5	<0.5	0.8	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons																			
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<1	<1	<1	<0.5	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Cyanides	Phenolic Compounds																		
					Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5	5	20	5	10
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Cyanides	Phenolic Compounds																		
					Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5	5	20	5	10
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Cyanides	Phenolic Compounds																		
					Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5	5	20	5	10
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<1	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<1	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<1	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<1	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<1	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<1	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.6	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.7	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	1.0	<0.5	1.7	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.7	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.7	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.8	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.8	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<1	<5	<2	<0.5	<0.5	<5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	1.0	0.7	<5	<20	<5	<20
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Cyanides	Phenolic Compounds																		
					Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5	5	20	5	10
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<1	0.5	1.2	<0.5	<0.2	0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<1	0.4	1.2	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<1	0.6	1.2	<0.5	0.2	0.8	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<1	0.4	1.2	<0.5	0.2	0.6	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<1	<2	<2	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	<50	<10	<50
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	-	<2	<2	<1	<1	-	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	-	<10	-
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	-	<2	1.1	<1	<1	-	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	-	<10	-
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<1	<2	<2	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	<50	<10	<50
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	-	<2	<2	<1	<1	-	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	-	<10	-
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<1	<2	<2	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	<50	<10	<50
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	-	<2	<2	<1	<1	-	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	-	<10	-
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<1	<2	<2	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	<50	<10	<50
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	-	<2	<2	<1	<1	-	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	-	<10	-
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	<1	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	-	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<1	0.6	1.3	<0.5	<0.2	0.6	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<1	0.6	1.3	<0.5	0.2	0.8	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<1	0.6	1.2	<0.5	<0.2	0.6	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	0.8	<5	-	<5	-
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	-	<1	<2	<0.5	<0.5	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<1	<2	1.3	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	<50	<10	<50

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Cyanides	Phenolic Compounds																	
						Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	5	1	0.5	5	20	5	10
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	-	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<1	<1	<2	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	-	<2	1.1	<1	<1	-	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	-	<10	-
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<1	<2	<2	<1	<1	<2	<2	<1	<1	<1	<2	<2	<2	<10	<2	<1	<10	<50	<10	<50
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<1	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	-	<0.4	<0.5	<0.5	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		Polychlorinated Biphenyls				
					Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	1	20		0.5	0		0.1	0.1	2			3	0.02	10	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

							NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		Polychlorinated Biphenyls				
					Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	1	20		0.5	0		0.1	0.1	2			3	0.02	10	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		Polychlorinated Biphenyls				
					Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	1	20		0.5	0		0.1	0.1	2			3	0.02	10	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<10	<1	<20	-	4.9	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<10	<1	<20	-	4.1	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<10	1	<20	-	3.6	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	2.0	3.7	6.9	3.2	<2	<0.003	0.014	8.8	<0.02	<10	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	2.0	3.6	8.7	5.1	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<10	<1	<20	-	19	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	2.0	2.9	8.7	5.8	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	-	-	-	-	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		Polychlorinated Biphenyls				
					Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	1	20		0.5	0		0.1	0.1	2			3	0.02	10	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	-	-	-	-	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	1.1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	2.0	1.9	7.6	5.7	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<10	<1	<20	-	1.4	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<10	<1	<20	-	16	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						NA	CRS-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Acid Base Accounting		Polychlorinated Biphenyls				
						Sum of 16 US EPA Priority PAHs	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
						mg/kg	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0		0.1	0.1	2			3	0.02	10	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<10	<2	<50	-	<1	-	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<10	<1	<20	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								Chlorinated Hydrocarbons					Sulfonated Compounds											
					Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								Chlorinated Hydrocarbons					Sulfonated Compounds											
					Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								Chlorinated Hydrocarbons					Sulfonated Compounds												
					Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	0.7	0.7	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

								Chlorinated Hydrocarbons					Sulfonated Compounds												
					Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	-	-	-	<1	<1	<1	0.5	0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<1	1.1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Chlorinated Hydrocarbons					Sulfonated Compounds													
					Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	-	-	-	<1	<1	<1	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																			
					Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																			
					Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																			
					Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																		
					Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																		
					Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.2	2	0.2	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

																		Organochlorine Pesticides (OC)							
					Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

																		Organochlorine Pesticides (OC)							
					Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

																	Organochlorine Pesticides (OC)								
					Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

																		Organochlorine Pesticides (OC)							
					Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

																	Organochlorine Pesticides (OC)						
						Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																									
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																					
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**		<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**		-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**		<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**		<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**		-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

														Halogenated Aromatic Compounds										
					Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

														Halogenated Aromatic Compounds										
					Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

													Halogenated Aromatic Compounds											
					Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

													Halogenated Aromatic Compounds											
					Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<0.05	0.06	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<1	<0.5	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

														Halogenated Aromatic Compounds									
						Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																									
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																					
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**		<1	<1	<1	<1	<1	-	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<10	<1	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Halogenated Aliphatic Compounds																	
					1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Halogenated Aliphatic Compounds																		
					1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Halogenated Aliphatic Compounds																	
					1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Halogenated Aliphatic Compounds																	
					1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Halogenated Aliphatic Compounds																		
					1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

										Trihalomethanes				Fumigants				Phthalate Esters				
					1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

										Trihalomethanes				Fumigants				Phthalate Esters				
					1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

										Trihalomethanes				Fumigants				Phthalate Esters				
					1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

										Trihalomethanes				Fumigants				Phthalate Esters				
					1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	2.4	<1
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	2.4	<1
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	2.4	<1
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	2.4	<1
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	2.8	<1
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	2.4	<1
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	2.4	<1
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

									Trihalomethanes				Fumigants				Phthalate Esters				
				1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Nitrosamines				Nitroaromatics and Ketones											Oxygenated Compounds			Benzidine
					Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Nitrosamines				Nitroaromatics and Ketones											Oxygenated Compounds			Benzidine
					Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Nitrosamines				Nitroaromatics and Ketones											Oxygenated Compounds			Benzidine
					Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	1.6	<0.5
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	3.4	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

						Nitrosamines				Nitroaromatics and Ketones											Oxygenated Compounds			Benzidine
					Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

							Nitrosamines				Nitroaromatics and Ketones											Oxygenated Compounds			Benzidine
						Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	3,3-Dichlorobenzidine
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																									
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																					
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	<5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	<5	<1	<1	<1	<1	<2	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	<5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<5	<0.5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					SPOCAS	Anilines				Haloethers			
					Lining Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
					kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU10	WSP2018_BH01D	BH01_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH01D	BH01_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH02D	BH02_1.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_0.5_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH03D	BH03_1.0_D	05 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH04D	BH04_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH05D	BH05_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH06D	BH06_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH07D	BH07_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH08D	BH08_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH09D	BH09_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH10D	BH10_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH11D	BH11_1.5_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH12D	BH12_1.0_D	09 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH13D	BH13_3.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH14D	BH14_1.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH15D	BH15_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH16D	BH16_2.0_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH17D	BH17_0.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_BH18D	BH18_1.5_D	16 Nov 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.0_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA02D	HA02_1.3_D	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA06D	HA06_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA07D	HA07_0.7_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA08D	HA08_0.5_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA09D	HA09_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_HA10D	HA10_0.1_D	25 Jul 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP06D	TP06_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP07D	TP07_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP08D	TP08_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09B	TP09_1.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP09D	TP09_1.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP10D	TP10_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP11D	TP11_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP12D	TP12_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP13D	TP13_0.1_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP14D	TP14_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP15D	TP15_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP16B	TP16_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					SPOCAS	Anilines				Haloethers			
					Lining Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
					kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU10	WSP2018_TP16D	TP16_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17B	TP17_1.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP17D	TP17_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18B	TP18_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP18D	TP18_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19B	TP19_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP19D	TP19_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP20D	TP20_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP21D	TP21_2.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP22D	TP22_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP23D	TP23_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP24D	TP24_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP25D	TP25_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP26D	TP26_2.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP28D	TP28_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP29D	TP29_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP30D	TP30_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP31D	TP31_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.1_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP32D	TP32_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP37D	TP37_1.0_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38B	TP38_0.1_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP38D	TP38_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_0.5_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39B	TP39_2.0_B	26 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP39D	TP39_0.5_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP40D	TP40_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP41D	TP41_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP42D	TP42_1.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP44D	TP44_1.8_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP45D	TP45_2.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_0.1_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP46D	TP46_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP47D	TP47_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP48D	TP48_1.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_0.5_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_1.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP49D	TP49_2.0_D	01 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP50D	TP50_1.0_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					SPOCAS	Anilines				Haloethers			
					Lining Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
					kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU10	WSP2018_TP51D	TP51_1.0_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP52D	TP52_0.5_D	25 Jul 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP53D	TP53_0.1_D	12 Sep 2017	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2018_TP54D	TP54_0.5_D	02 Feb 2018	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB14	SPU24_SVB14_0.7	04 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB15	SPU24_SVB15_0.6	04 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB16	SPU24_SVB16_0.7	04 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB17	SPU24_SVB17_0.6	04 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB18	SPU24_SVB18_0.7	04 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB19	SPU24_SVB19_0.8	04 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB22	SPU24_SVB22_0.8	04 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB23_0.8	04 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB23	SPU24_SVB_QA3	06 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB24	SPU24_SVB24_0.7	05 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB25	SPU24_SVB25_0.7	05 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB26	SPU24_SVB26_0.7	05 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB27	SPU24_SVB27_0.8	05 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB28	SPU24_SVB28_0.7	05 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB29	SPU24_SVB29_0.7	05 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB30	SPU24_SVB30_0.7	05 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB31	SPU24_SVB31_0.8	06 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB32	SPU24_SVB32_0.5	06 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB33	SPU24_SVB33_0.45	06 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB34	SPU24_SVB34_0.7	06 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB35	SPU24_SVB35_0.8	06 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB37	SPU24_SVB37_0.6	09 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB38	SPU24_SVB38_0.8	09 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB39	SPU24_SVB39_0.8	09 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB40	SPU24_SVB40_0.7	09 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_QA05	09 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB41_0.7	09 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB41	SPU24_SVB_QA05A	09 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB42	SPU24_SVB42_0.7	09 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB43	SPU24_SVB43_0.8	10 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB44	SPU24_SVB44_0.8	10 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB45	SPU24_SVB45_0.8	10 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB46	SPU24_SVB46_0.8	10 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB47	SPU24_SVB47_0.7	10 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB48	SPU24_SVB48_0.8	10 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_SVB49	SPU24_SVB49_0.8	11 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24_QA13	18 Sep 2024	Field_D	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24_QA13A	18 Sep 2024	Interlab_D	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14	18 Sep 2024	Normal	<1	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-0.4	18 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH14	SPU24-BH14-2.0	18 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH15	SPU24-BH15	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH15	SPU24-BH15-0.4	18 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-1.0	18 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH16	SPU24-BH16-2.0	18 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-BH-15	SPU24-BH-15-2.0	18 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB9	SPU24-SVB9-0.8	03 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					SPOCAS	Anilines				Haloethers			
					Lining Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
					kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU10	WSP2025f_SPU24-SVB10	SPU24-SVB10-0.8	03 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB11	SPU24-SVB11-0.7	03 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB12	SPU24-SVB12-0.6	03 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB13	SPU24-SVB13-0.5	03 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP01	TP01_0.2	15 Aug 2024	Normal	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP01	TP01_1.0	15 Aug 2024	Normal	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP02	TP02_0.2	15 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_0.5	15 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP02	TP02_1.0	15 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_0.2	14 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP03	TP03_1.8	15 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_0.2	14 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP04	TP04_2.0	15 Aug 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_0.5	15 Aug 2024	Normal	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP05	TP05_1.5	15 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_0.2	15 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP06	TP06_2.0	15 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	TP07_0.2	15 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP07	TP07_1.0	15 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_0.2	15 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP08	TP08_1.5	15 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_0.2	19 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH10	SPU24_BH10_1.0	19 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_0.2	19 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH11	SPU24_BH11_1.5	19 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_0.2	19 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH12	SPU24_BH12_1.5	19 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_0.2	19 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24_BH13	SPU24_BH13_2.0	19 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24_SVB1	SPU24_SVB1-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB3	SPU24_SVB3-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB4	SPU24_SVB4-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB6	SPU24_SVB6-0.8	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24_SVB8	SPU24_SVB8-0.9	03 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19	18 Sep 2024	Normal	-	-	-	-	-	-	-	-	-
DU10	WSP2025f_SPU24-BH19	SPU24-BH19-1.5	18 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB1	SPU24-SVB1-0.8	03 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB2	SPU24-SVB2-0.8	03 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB3	SPU24-SVB3-0.8	03 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB4	SPU24-SVB4-0.8	03 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB5	SPU24-SVB5-0.8	03 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_SPU24-SVB6	SPU24-SVB6-0.8	03 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB7	SPU24-SVB7-0.8	03 Sep 2024	Normal	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_SPU24-SVB8	SPU24-SVB8-0.9	03 Sep 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_0.5	16 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_1.0	16 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP09	TP09_2.0	16 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_0.2	16 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP10	TP10_2.0	16 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP11	TP11_0.2	16 Aug 2024	Normal	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	WSP2025f_TP11	TP11_1.0	16 Aug 2024	Normal	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	WSP2025f_TP12	TP12_0.5	16 Aug 2024	Normal	-	<1	<20	<1	<1	<1	<1	<1	<1

DU10 - 1d: Soil Analytical Results – Direct Contact and Management Screening

					SPOCAS	Anilines				Haloethers			
					Liming Rate	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether
					kg CaCO3/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU10	**WSP2025f_TP12**	**TP12_1.5**	**16 Aug 2024**	**Normal**	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP13**	**TP13_0.2**	**16 Aug 2024**	**Normal**	-	<1	<1	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP13**	**TP13_1.5**	**16 Aug 2024**	**Normal**	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP14**	**TP14_0.5**	**19 Aug 2024**	**Normal**	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP14**	**TP14_1.5**	**19 Aug 2024**	**Normal**	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP15**	**TP15_0.2**	**16 Aug 2024**	**Normal**	-	<1	<20	<1	<1	<1	<1	<1	<1
DU10	**WSP2025f_TP15**	**TP15_1.5**	**16 Aug 2024**	**Normal**	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_0.2**	**19 Aug 2024**	**Normal**	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU10	**WSP2025f_TP16**	**TP16_1.0**	**19 Aug 2024**	**Normal**	-	<1	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the re

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU10 - 1e: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	0.0001	0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0005	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	0.0002	0.0002	0.0001
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0006	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001

DU10 - 1e: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0002	<0.0001	0.0003	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0013	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0005	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0005	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0004	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP09	16 Aug 2024	TP09_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP13	16 Aug 2024	TP13_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP14	19 Aug 2024	TP14_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0004	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP15	16 Aug 2024	TP15_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001
DU10	WSP2025f_TP16	19 Aug 2024	TP16_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001

DU10 - 1e: Soil Analytical Results – PFAS Screening

	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial				20[#1]		20[#1]						

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU10 - 1e: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances											
					Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial					50											
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

DU10 - 1e: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances											
					Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial					50											
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	0.0002	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP09	16 Aug 2024	TP09_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP13	16 Aug 2024	TP13_1.5	Normal	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP14	19 Aug 2024	TP14_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP15	16 Aug 2024	TP15_1.5	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	<0.0001	0.0002	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
DU10	WSP2025f_TP16	19 Aug 2024	TP16_1.0	Normal	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

DU10 - 1e: Soil Analytical Results – PFAS Screening

	Per- and Poly-fluoroalkyl Substances											
	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial	50											

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU10 - 1e: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial											20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU10	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0005	0.0005	0.0005	0.0005
DU10	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0003	<0.0005	<0.0005	0.0003
DU10	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	0.0006	0.0006	0.0001
DU10	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0002	<0.0005	<0.0005	0.0002
DU10	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0002	<0.0005	<0.0005	0.0002
DU10	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0002	<0.0005	<0.0005	0.0002
DU10	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-0.4	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0006	0.0006	0.0006	0.0006
DU10	WSP2025f_SPU24-BH14	18 Sep 2024	SPU24-BH14-2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24-BH15	18 Sep 2024	SPU24-BH15-0.4	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0002	<0.0005	<0.0005	0.0002
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-1.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24-BH16	18 Sep 2024	SPU24-BH16-2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24-BH-15	18 Sep 2024	SPU24-BH-15-2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001

DU10 - 1e: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial											20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU10	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0002	<0.0005	<0.0005	0.0002
DU10	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP03	15 Aug 2024	TP03_1.8	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP04	15 Aug 2024	TP04_2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0003	<0.0005	<0.0005	0.0003
DU10	WSP2025f_TP05	15 Aug 2024	TP05_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	0.0004	0.0003	0.0002	0.0012	0.0006	0.0002
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0003	<0.0005	<0.0005	0.0003
DU10	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0013	0.0017	0.0015	0.0015
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0005	0.0005	0.0005	0.0005
DU10	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0004	<0.0005	<0.0005	0.0004
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0005	0.0005	0.0005	0.0005
DU10	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0004	<0.0005	<0.0005	0.0004
DU10	WSP2025f_SPU24-BH19	18 Sep 2024	SPU24-BH19-1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP09	16 Aug 2024	TP09_2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0003	<0.0005	<0.0005	0.0003
DU10	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0003	<0.0005	<0.0005	0.0003
DU10	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001
DU10	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP13	16 Aug 2024	TP13_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005	0.0002
DU10	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP14	19 Aug 2024	TP14_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0004	<0.0005	<0.0005	0.0004
DU10	WSP2025f_TP15	16 Aug 2024	TP15_1.5	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0001	<0.0005	<0.0005	0.0001
DU10	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0003	0.0006	<0.0005	0.0003
DU10	WSP2025f_TP16	19 Aug 2024	TP16_1.0	Normal	<0.0005	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0003	<0.0005	<0.0005	0.0003

DU10 - 1e: Soil Analytical Results – PFAS Screening

	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial							20			

Monitoring Zone	Location Code	Date	Field ID	Sample Type

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos		
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation
					-	%w/w	%w/w
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001	0.05
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**			
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	0	-	-
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	0	-	-
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	1	-	-
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	0	-	-
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	0	-	-
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	0	-	-
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	0	-	-
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.0_D	Normal	0	-	-
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	0	-	-
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.0_D	Normal	0	-	-
DU10	WSP2018_BH11D	09 Nov 2018	BH11_0.5_D	Normal	0	-	-
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	0	-	-
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	0	-	-
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	0	-	-
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	0	-	-
DU10	WSP2018_BH16D	16 Nov 2018	BH16_0.5_D	Normal	0	-	-
DU10	WSP2018_BH17D	16 Nov 2018	BH17_1.0_D	Normal	0	-	-
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	0	-	-
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	0	-	-
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	0	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	0	-	-
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	0	-	-
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	0	-	-
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	0	-	-
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	0	-	-
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	0	-	-
DU10	WSP2018_TP09D	12 Sep 2017	TP09_0.1_D	Normal	0	-	-
DU10	WSP2018_TP10D	01 Feb 2018	TP10_0.1_D	Normal	0	-	-
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.1_D	Normal	0	-	-
DU10	WSP2018_TP12D	01 Feb 2018	TP12_0.1_D	Normal	0	-	-
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	0	-	-
DU10	WSP2018_TP14D	01 Feb 2018	TP14_0.1_D	Normal	0	-	-
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.1_B	Normal	0	-	-
DU10	WSP2018_TP22D	12 Sep 2017	TP22_0.1_D	Normal	0	-	-
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.1_D	Normal	0	-	-
DU10	WSP2018_TP24D	01 Feb 2018	TP24_0.1_D	Normal	0	-	-
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.1_D	Normal	0	-	-
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.1_D	Normal	0	-	-
DU10	WSP2018_TP28D	01 Feb 2018	TP28_0.1_D	Normal	0	-	-
DU10	WSP2018_TP29D	01 Feb 2018	TP29_0.1_D	Normal	1	-	-
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	0	-	-
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	0	-	-
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.1_B	Normal	0	-	-
DU10	WSP2018_TP41D	01 Feb 2018	TP41_0.1_D	Normal	0	-	-
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.1_D	Normal	0	-	-
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.1_D	Normal	0	-	-
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	0	-	-
DU10	WSP2018_TP47D	02 Feb 2018	TP47_0.1_D	Normal	0	-	-
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.1_D	Normal	0	-	-
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.1_D	Normal	1	-	-
DU10	WSP2018_TP50D	02 Feb 2018	TP50_0.1_D	Normal	0	-	-
DU10	WSP2018_TP51D	25 Jul 2017	TP51_0.1_D	Normal	0	-	-
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	0	-	-
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.1_D	Normal	0	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	0	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.5_E	Normal	0	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	0	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_1.0_E	Normal	0	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.0_E	Normal	0	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_1.0_E	Normal	0	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_1.0_E	Normal	0	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.0_E	Normal	0	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.0_E	Normal	0	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_1.0_E	Normal	0	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_1.0_E	Normal	0	-	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos		
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation
					-	%w/w	%w/w
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001	0.05
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.0_E	Normal	0	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	1	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	1	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	0	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.1_E	Normal	0	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.1_E	Normal	0	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	0	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.5_E	Normal	0	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.1_E	Normal	1	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_0.5_E	Normal	0	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	0	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_0.5_E	Normal	0	-	-
DU11	WSP2018_TP19E	10 Jul 2018	TP19_0.1_E	Normal	0	-	-
DU11	WSP2018_TP21E	10 Jul 2018	TP21_0.1_E	Normal	1	-	-
DU11	WSP2018_TP22E	10 Jul 2018	TP22_0.5_E	Normal	1	-	-
DU11	WSP2018_TP23E	10 Jul 2018	TP23_0.1_E	Normal	0	-	-
DU11	WSP2018_TP25E	10 Jul 2018	TP25_0.1_E	Normal	0	-	-
DU11	WSP2018_TP27E	11 Jul 2018	TP27_0.1_E	Normal	1	-	-
DU11	WSP2018_TP29E	11 Jul 2018	TP29_0.1_E	Normal	0	-	-
DU11	WSP2018_TP29E	11 Jul 2018	TP29_1.5_E	Normal	1	-	-
DU11	WSP2018_TP31E	11 Jul 2018	TP31_0.1_E	Normal	0	-	-
DU11	WSP2018_TP33E	11 Jul 2018	TP33_0.1_E	Normal	0	-	-
DU11	WSP2018_TP35E	11 Jul 2018	TP35_0.1_E	Normal	0	-	-
DU11	WSP2018_TP36E	11 Jul 2018	TP36_0.5_E	Normal	0	-	-
DU11	WSP2018_TP38E	11 Jul 2018	TP38_0.5_E	Normal	0	-	-
DU11	WSP2018_TP40E	11 Jul 2018	TP40_0.5_E	Normal	0	-	-
DU12	WSP2018_BH01B	06 Nov 2018	BH01_1.0_B	Normal	0	-	-
DU12	WSP2018_BH02B	06 Nov 2018	BH02_0.5_B	Normal	0	-	-
DU12	WSP2018_BH03B	06 Nov 2018	BH03_1.0_B	Normal	0	-	-
DU12	WSP2018_BH04B	08 Nov 2018	BH04_0.7_B	Normal	1	-	-
DU12	WSP2018_BH05B	08 Nov 2018	BH05_0.7_B	Normal	0	-	-
DU12	WSP2018_BH06B	08 Nov 2018	BH06_0.8_B	Normal	0	-	-
DU12	WSP2018_BH07B	08 Nov 2018	BH07_0.5_B	Normal	0	-	-
DU12	WSP2018_BH08B	08 Nov 2018	BH08_0.7_B	Normal	0	-	-
DU12	WSP2018_BH09B	08 Nov 2018	BH09_0.7_B	Normal	0	-	-
DU12	WSP2018_BH10B	08 Nov 2018	BH10_2.0_B	Normal	0	-	-
DU12	WSP2018_BH11B	08 Nov 2018	BH11_1.0_B	Normal	0	-	-
DU12	WSP2018_BH12B	08 Nov 2018	BH12_1.0_B	Normal	0	-	-
DU12	WSP2018_BH13B	08 Nov 2018	BH13_0.5_B	Normal	0	-	-
DU12	WSP2018_BH14B	08 Nov 2018	BH14_0.5_B	Normal	0	-	-
DU12	WSP2018_BH15B	08 Nov 2018	BH15_0.5_B	Normal	0	-	-
DU12	WSP2018_BH16B	08 Nov 2018	BH16_0.5_B	Normal	0	-	-
DU12	WSP2018_BH17B	08 Nov 2018	BH17_1.0_B	Normal	0	-	-
DU12	WSP2018_BH18B	08 Nov 2018	BH18_0.5_B	Normal	0	-	-
DU12	WSP2018_BH19B	08 Nov 2018	BH19_1.0_B	Normal	0	-	-
DU12	WSP2018_BH20B	08 Nov 2018	BH20_1.0_B	Normal	1	-	-
DU12	WSP2018_TP01C	17 May 2017	TP01_0.1_C	Normal	0	-	-
DU12	WSP2018_TP02B	23 May 2017	TP02_0.1_B	Normal	0	-	-
DU12	WSP2018_TP05B	23 May 2017	TP05_0.1_B	Normal	0	-	-
DU12	WSP2018_TP06C	17 May 2017	TP06_0.1_C	Normal	0	-	-
DU12	WSP2018_TP07B	23 May 2017	TP07_0.1_B	Normal	0	-	-
DU12	WSP2018_TP13B	23 May 2017	TP13_0.1_B	Normal	0	-	-
DU12	WSP2018_TP13C	17 May 2017	TP13_0.1_C	Normal	0	-	-
DU12	WSP2018_TP17C	17 May 2017	TP17_0.1_C	Normal	0	-	-
DU12	WSP2018_TP23B	18 May 2017	TP23_0.1_B	Normal	0	-	-
DU12	WSP2018_TP26B	18 May 2017	TP26_0.1_B	Normal	0	-	-
DU12	WSP2018_TP33B	18 May 2017	TP33_0.1_B	Normal	0	-	-
DU12	WSP2018_TP34B	18 May 2017	TP34_0.1_B	Normal	0	-	-
DU16	WSP2018_BH01_AC	30 May 2018	BH01_1.5_AC	Normal	0	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_1.5_AC	Normal	0	-	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_0.5_T2	Normal	0	-	-
DU16	WSP2018_TP03_T2	01 Aug 2018	TP03_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP05_T2	01 Aug 2018	TP05_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP07_T2	01 Aug 2018	TP07_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.1_T2	Normal	0	-	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos		
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation
					-	%w/w	%w/w
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001	0.05
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.5_T2	Normal	0	-	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP11_T2	01 Aug 2018	TP11_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP12_T2	01 Aug 2018	TP12_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_0.5_T2	Normal	0	-	-
DU16	WSP2018_TP14_T2	02 Aug 2018	TP14_0.2_T2	Normal	0	-	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_0.5_T2	Normal	0	-	-
DU16	WSP2018_TP17_T2	02 Aug 2018	TP17_0.2_T2	Normal	0	-	-
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_0.5_T2	Normal	0	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.5_T2	Normal	0	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.1_T2	Normal	0	-	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	0	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.5_T3	Normal	0	-	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	0	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	0	-	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	0	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.1_T3	Normal	0	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	0	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.5_T3	Normal	0	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	0	-	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.5_T3	Normal	0	-	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.5_T3	Normal	0	-	-
DU16	WSP2018_TP40_T3	03 Aug 2018	TP40_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP41_T3	03 Aug 2018	TP41_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP42_T3	03 Aug 2018	TP42_0.5_T3	Normal	0	-	-
DU16	WSP2018_TP43_T3	03 Aug 2018	TP43_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP44_T3	03 Aug 2018	TP44_0.2_T3	Normal	0	-	-
DU16	WSP2018_TP45_T3	03 Aug 2018	TP45_0.5_T3	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_BH14	18 Sep 2024	SPU24_BH14_0.4	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_BH14	18 Sep 2024	SPU24_BH14_2.0	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_BH15	18 Sep 2024	SPU24_BH15_0.4	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_BH15	18 Sep 2024	SPU24_BH15_2.0	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_BH16	18 Sep 2024	SPU24_BH16_1.0	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_BH16	18 Sep 2024	SPU24_BH16_2.0	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB9	03 Sep 2024	SPU24_SVB9_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB10	03 Sep 2024	SPU24_SVB10_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB11	03 Sep 2024	SPU24_SVB11_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB12	03 Sep 2024	SPU24_SVB12_0.6	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB13	03 Sep 2024	SPU24_SVB13_0.6	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB20	04 Sep 2024	SPU24_SVB20_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB21	04 Sep 2024	SPU24_SVB21_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	0	-	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos		
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation
					-	%w/w	%w/w
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001	0.05
Northern SPU pad	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	0	-	-
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP03	15 Aug 2024	TP03_1.5	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP03	15 Aug 2024	TP03_1.5	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP04	15 Aug 2024	TP04_1.0	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP04	15 Aug 2024	TP04_1.0	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	0	0.0004	<0.01
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	-	<0.001	-
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	0	0	<0.01
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	-	<0.001	-
Pipeways	WSP2018_K_1005	20 Jul 2018	K_1005_A_180720	Normal	-	-	<0.01
Pipeways	WSP2018_K_1007	23 Jul 2018	K_1007_A_180723	Normal	-	-	<0.01
Process_Unit	WSP2018_TP02E	09 Jul 2018	TP02_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP04E	10 Jul 2018	TP04_0.5_E	Normal	1	-	-
Process_Unit	WSP2018_TP06E	10 Jul 2018	TP06_0.1_E	Normal	1	-	-
Process_Unit	WSP2018_TP06E	10 Jul 2018	TP06_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP08E	10 Jul 2018	TP08_0.5_E	Normal	1	-	-
Process_Unit	WSP2018_TP10E	10 Jul 2018	TP10_0.1_E	Normal	0	-	-
Process_Unit	WSP2018_TP12E	10 Jul 2018	TP12_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP18E	10 Jul 2018	TP18_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP20E	10 Jul 2018	TP20_0.5_E	Normal	1	-	-
Process_Unit	WSP2018_TP24E	10 Jul 2018	TP24_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP26E	10 Jul 2018	TP26_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP28E	11 Jul 2018	TP28_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP30E	11 Jul 2018	TP30_0.5_E	Normal	0	-	-
Process_Unit	WSP2018_TP32E	11 Jul 2018	TP32_0.5_E	Normal	1	-	-
Process_Unit	WSP2018_TP34E	11 Jul 2018	TP34_0.5_E	Normal	0	-	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos		
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation
					-	%w/w	%w/w
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001	0.05
Process_Unit	WSP2018_TP37E	11 Jul 2018	TP37_0.1_E	Normal	0	-	-
Process_Unit	WSP2018_TP39E	11 Jul 2018	TP39_0.1_E	Normal	0	-	-
Process_Unit	WSP2018_TP41E	11 Jul 2018	TP41_0.1_E	Normal	0	-	-
Process_Unit, Process_Unit	WSP2018_SS01_GB	15 Jun 2018	SS01_GB	Normal	0	-	-
Process_Unit, Process_Unit	WSP2018_SS02_GB	15 Jun 2018	SS02_GB	Normal	0	-	-
Process_Unit, Process_Unit	WSP2018_SS03_GB	15 Jun 2018	SS03_GB	Normal	0	-	-
Process_Unit, Process_Unit	WSP2018_SS04_GB	15 Jun 2018	SS04_GB	Normal	0	-	-
Process_Unit, Process_Unit	WSP2018_SS05_GB	15 Jun 2018	SS05_GB	Normal	0	-	-
Process_Unit, Process_Unit	WSP2018_SS06_GB	15 Jun 2018	SS06_GB	Normal	0	-	-
SEPPs ROW	WSP2018_HA01_SPR	26 Jul 2018	HA01_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA01_SPR	26 Jul 2018	HA01_0.5_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA02_SPR	26 Jul 2018	HA02_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA03_SPR	26 Jul 2018	HA03_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA04_SPR	26 Jul 2018	HA04_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA05_SPR	26 Jul 2018	HA05_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA06_SPR	26 Jul 2018	HA06_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA06_SPR	26 Jul 2018	HA06_0.5_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA07_SPR	26 Jul 2018	HA07_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA08_SPR	26 Jul 2018	HA08_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA09_SPR	26 Jul 2018	HA09_0.1_SPR	Normal	0	-	-
SEPPs ROW	WSP2018_HA09_SPR	26 Jul 2018	HA09_0.6_SPR	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_1.5	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_BH19	18 Sep 2024	SPU24_BH19_1.5	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1_0.8	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB2	03 Sep 2024	SPU24_SVB2_0.8	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3_0.8	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4_0.8	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB5	03 Sep 2024	SPU24_SVB5_0.8	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6_0.8	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB7	03 Sep 2024	SPU24_SVB7_0.8	Normal	0	-	-
Southern SPU pad	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8_0.9	Normal	0	-	-
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	0	0.0015	<0.01
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.5	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.5	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_1.0	Normal	0	0.0007	<0.01
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_1.0	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.5	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.5	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	0	0	<0.01

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos		
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation
					-	%w/w	%w/w
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001	0.05
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	-	<0.001	-
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.5	Normal	0	0	<0.01
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.5	Normal	-	<0.001	-
Zone 1	WSP2018_BH01_LPG	31 Oct 2018	BH01_0.5_LPG	Normal	-	-	-
Zone 1	WSP2018_BH02_LPG	31 Oct 2018	BH02_1.5_LPG	Normal	-	-	-
Zone 1	WSP2018_BH03_LPG	31 Oct 2018	BH03_0.5_LPG	Normal	-	-	-
Zone 1	WSP2018_HA01D	13 Jun 2018	HA01_0.2_D	Normal	0	-	-
Zone 1	WSP2018_HA03A	30 May 2018	HA03_1.0_A	Normal	0	-	-
Zone 1	WSP2018_HA03D	13 Jun 2018	HA03_0.5_D	Normal	1	-	-
Zone 1	WSP2018_HA04D	13 Jun 2018	HA04_1.0_D	Normal	1	-	-
Zone 1	WSP2018_HA05D	13 Jun 2018	HA05_1.0_D	Normal	0	-	-
Zone 1	WSP2018_HA07A	31 May 2018	HA07_1.0_A	Normal	0	-	-
Zone 1	WSP2018_HA10A	31 May 2018	HA10_1.0_A	Normal	0	-	-
Zone 1	WSP2018_HA12A	31 May 2018	HA12_1.0_A	Normal	0	-	-
Zone 1	WSP2018_HA15A	31 May 2018	HA15_0.2_A	Normal	1	-	-
Zone 1	WSP2018_HA15A	31 May 2018	HA15_1.0_A	Normal	0	-	-
Zone 1	WSP2018_HA25E	25 Jul 2018	HA25_0.1_E	Normal	1	-	-
Zone 1	WSP2018_HA26E	25 Jul 2018	HA26_0.1_E	Normal	1	-	-
Zone 1	WSP2018_HA26E	25 Jul 2018	HA26_0.5_E	Normal	-	-	-
Zone 1	WSP2018_HA27E	25 Jul 2018	HA27_0.1_E	Normal	1	-	-
Zone 1	WSP2018_HA27E	25 Jul 2018	HA27_0.5_E	Normal	0	-	-
Zone 1	WSP2018_HA28E	25 Jul 2018	HA28_0.1_E	Normal	0	-	-
Zone 1	WSP2018_TP01_LPG	23 Jul 2018	TP01_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP01_T1	18 Jul 2018	TP01_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP01_T1	18 Jul 2018	TP01_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP01_T124	29 Aug 2018	TP01_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP02_LPG	24 Jul 2018	TP02_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP02_T1	18 Jul 2018	TP02_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP02_T124	29 Aug 2018	TP02_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP03_LPG	23 Jul 2018	TP03_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP03_T1	18 Jul 2018	TP03_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP03_T124	29 Aug 2018	TP03_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP04_LPG	23 Jul 2018	TP04_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP04_T1	18 Jul 2018	TP04_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP04_T124	29 Aug 2018	TP04_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP05_LPG	23 Jul 2018	TP05_0.1_LPG	Normal	1	-	-
Zone 1	WSP2018_TP05_T1	18 Jul 2018	TP05_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP05_T124	29 Aug 2018	TP05_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP06_LPG	23 Jul 2018	TP06_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP06_T1	18 Jul 2018	TP06_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP06_T124	29 Aug 2018	TP06_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP07_LPG	23 Jul 2018	TP07_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP07_T1	18 Jul 2018	TP07_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP07_T124	29 Aug 2018	TP07_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP08_LPG	23 Jul 2018	TP08_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP08_T1	18 Jul 2018	TP08_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP08_T124	29 Aug 2018	TP08_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP09_LPG	23 Jul 2018	TP09_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP09_LPG	23 Jul 2018	TP09_0.5_LPG	Normal	0	-	-
Zone 1	WSP2018_TP09_T1	18 Jul 2018	TP09_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP09_T1	18 Jul 2018	TP09_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP09_T124	29 Aug 2018	TP09_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP10_LPG	23 Jul 2018	TP10_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP10_LPG	23 Jul 2018	TP10_0.5_LPG	Normal	0	-	-
Zone 1	WSP2018_TP10_T1	18 Jul 2018	TP10_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP10_T1	18 Jul 2018	TP10_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP10_T124	29 Aug 2018	TP10_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP11_LPG	23 Jul 2018	TP11_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP11_T1	18 Jul 2018	TP11_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP11_T124	29 Aug 2018	TP11_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP12_LPG	23 Jul 2018	TP12_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP12_T1	18 Jul 2018	TP12_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP12_T124	29 Aug 2018	TP12_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP13_LPG	23 Jul 2018	TP13_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP13_T1	18 Jul 2018	TP13_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP13_T124	29 Aug 2018	TP13_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP14_LPG	23 Jul 2018	TP14_0.2_LPG	Normal	0	-	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos		
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation
					-	%w/w	%w/w
EQL							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001	0.05
Zone 1	WSP2018_TP14_T1	19 Jul 2018	TP14_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP14_T124	29 Aug 2018	TP14_0.2_T124	Normal	1	-	-
Zone 1	WSP2018_TP15_LPG	23 Jul 2018	TP15_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP15_T1	19 Jul 2018	TP15_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP15_T124	28 Aug 2018	TP15_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP16_LPG	23 Jul 2018	TP16_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP16_T1	19 Jul 2018	TP16_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP16_T124	28 Aug 2018	TP16_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP17_LPG	23 Jul 2018	TP17_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP17_T1	19 Jul 2018	TP17_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP17_T124	28 Aug 2018	TP17_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP18_LPG	24 Jul 2018	TP18_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP18_LPG	24 Jul 2018	TP18_0.5_LPG	Normal	0	-	-
Zone 1	WSP2018_TP18_T1	19 Jul 2018	TP18_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP18_T1	19 Jul 2018	TP18_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP18_T124	28 Aug 2018	TP18_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP19_LPG	24 Jul 2018	TP19_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP19_T1	19 Jul 2018	TP19_0.1_T1	Normal	1	-	-
Zone 1	WSP2018_TP19_T124	28 Aug 2018	TP19_0.5_T124	Normal	1	-	-
Zone 1	WSP2018_TP20_LPG	24 Jul 2018	TP20_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP20_T1	19 Jul 2018	TP20_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP20_T124	28 Aug 2018	TP20_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP21_LPG	24 Jul 2018	TP21_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP21_T1	19 Jul 2018	TP21_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP21_T124	28 Aug 2018	TP21_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP22_LPG	24 Jul 2018	TP22_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP22_T1	19 Jul 2018	TP22_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP22_T124	28 Aug 2018	TP22_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP23_LPG	24 Jul 2018	TP23_0.1_LPG	Normal	0	-	-
Zone 1	WSP2018_TP23_LPG	24 Jul 2018	TP23_0.5_LPG	Normal	0	-	-
Zone 1	WSP2018_TP23_T1	19 Jul 2018	TP23_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP23_T1	19 Jul 2018	TP23_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP23_T124	28 Aug 2018	TP23_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP24_T1	19 Jul 2018	TP24_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP24_T124	28 Aug 2018	TP24_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP25_T1	19 Jul 2018	TP25_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP25_T1	19 Jul 2018	TP25_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP25_T124	28 Aug 2018	TP25_0.1_T124	Normal	0	-	-
Zone 1	WSP2018_TP26_T1	19 Jul 2018	TP26_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP26_T124	28 Aug 2018	TP26_0.5_T124	Normal	0	-	-
Zone 1	WSP2018_TP28_T1	19 Jul 2018	TP28_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP28_T1	19 Jul 2018	TP28_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP29_T1	19 Jul 2018	TP29_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP30_T1	19 Jul 2018	TP30_0.1_T1	Normal	0	-	-
Zone 1	WSP2018_TP32_T1	19 Jul 2018	TP32_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP33_T1	19 Jul 2018	TP33_0.2_T1	Normal	0	-	-
Zone 1	WSP2018_TP33_T1	19 Jul 2018	TP33_0.5_T1	Normal	0	-	-
Zone 1	WSP2018_TP34_T1	19 Jul 2018	TP34_0.1_T1	Normal	0	-	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos fibres
					%ww
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU10	WSP2018_BH01D	05 Nov 2018	BH01_0.5_D	Normal	<0.001
DU10	WSP2018_BH02D	05 Nov 2018	BH02_1.5_D	Normal	<0.001
DU10	WSP2018_BH03D	05 Nov 2018	BH03_0.5_D	Normal	0.001
DU10	WSP2018_BH04D	09 Nov 2018	BH04_1.0_D	Normal	<0.001
DU10	WSP2018_BH05D	09 Nov 2018	BH05_1.0_D	Normal	<0.001
DU10	WSP2018_BH06D	09 Nov 2018	BH06_1.0_D	Normal	<0.001
DU10	WSP2018_BH07D	09 Nov 2018	BH07_1.0_D	Normal	<0.001
DU10	WSP2018_BH08D	09 Nov 2018	BH08_1.0_D	Normal	<0.001
DU10	WSP2018_BH09D	09 Nov 2018	BH09_1.0_D	Normal	<0.001
DU10	WSP2018_BH10D	09 Nov 2018	BH10_1.0_D	Normal	<0.001
DU10	WSP2018_BH11D	09 Nov 2018	BH11_0.5_D	Normal	<0.001
DU10	WSP2018_BH12D	09 Nov 2018	BH12_1.0_D	Normal	<0.001
DU10	WSP2018_BH13D	16 Nov 2018	BH13_0.5_D	Normal	<0.001
DU10	WSP2018_BH14D	16 Nov 2018	BH14_1.0_D	Normal	<0.001
DU10	WSP2018_BH15D	16 Nov 2018	BH15_1.5_D	Normal	<0.001
DU10	WSP2018_BH16D	16 Nov 2018	BH16_0.5_D	Normal	<0.001
DU10	WSP2018_BH17D	16 Nov 2018	BH17_1.0_D	Normal	<0.001
DU10	WSP2018_BH18D	16 Nov 2018	BH18_1.5_D	Normal	<0.001
DU10	WSP2018_HA02D	13 Jun 2018	HA02_1.0_D	Normal	<0.001
DU10	WSP2018_HA06D	25 Jul 2018	HA06_0.1_D	Normal	<0.001
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.1_D	Normal	<0.001
DU10	WSP2018_HA07D	25 Jul 2018	HA07_0.7_D	Normal	<0.001
DU10	WSP2018_HA08D	25 Jul 2018	HA08_0.1_D	Normal	<0.001
DU10	WSP2018_HA09D	25 Jul 2018	HA09_0.1_D	Normal	<0.001
DU10	WSP2018_HA10D	25 Jul 2018	HA10_0.1_D	Normal	<0.001
DU10	WSP2018_TP06D	25 Jul 2017	TP06_0.1_D	Normal	<0.001
DU10	WSP2018_TP09D	12 Sep 2017	TP09_0.1_D	Normal	<0.001
DU10	WSP2018_TP10D	01 Feb 2018	TP10_0.1_D	Normal	<0.001
DU10	WSP2018_TP11D	01 Feb 2018	TP11_0.1_D	Normal	<0.001
DU10	WSP2018_TP12D	01 Feb 2018	TP12_0.1_D	Normal	<0.001
DU10	WSP2018_TP13D	01 Feb 2018	TP13_0.1_D	Normal	<0.001
DU10	WSP2018_TP14D	01 Feb 2018	TP14_0.1_D	Normal	<0.001
DU10	WSP2018_TP16B	26 Jul 2017	TP16_0.1_B	Normal	<0.001
DU10	WSP2018_TP22D	12 Sep 2017	TP22_0.1_D	Normal	<0.001
DU10	WSP2018_TP23D	01 Feb 2018	TP23_0.1_D	Normal	<0.001
DU10	WSP2018_TP24D	01 Feb 2018	TP24_0.1_D	Normal	<0.001
DU10	WSP2018_TP25D	02 Feb 2018	TP25_0.1_D	Normal	<0.001
DU10	WSP2018_TP26D	02 Feb 2018	TP26_0.1_D	Normal	<0.001
DU10	WSP2018_TP28D	01 Feb 2018	TP28_0.1_D	Normal	<0.001
DU10	WSP2018_TP29D	01 Feb 2018	TP29_0.1_D	Normal	-0.001
DU10	WSP2018_TP32D	25 Jul 2017	TP32_0.1_D	Normal	<0.001
DU10	WSP2018_TP38D	02 Feb 2018	TP38_0.1_D	Normal	<0.001
DU10	WSP2018_TP39B	26 Jul 2017	TP39_0.1_B	Normal	<0.001
DU10	WSP2018_TP41D	01 Feb 2018	TP41_0.1_D	Normal	<0.001
DU10	WSP2018_TP42D	01 Feb 2018	TP42_0.1_D	Normal	<0.001
DU10	WSP2018_TP44D	02 Feb 2018	TP44_0.1_D	Normal	<0.001
DU10	WSP2018_TP46D	02 Feb 2018	TP46_0.1_D	Normal	<0.001
DU10	WSP2018_TP47D	02 Feb 2018	TP47_0.1_D	Normal	<0.001
DU10	WSP2018_TP48D	02 Feb 2018	TP48_0.1_D	Normal	<0.001
DU10	WSP2018_TP49D	01 Feb 2018	TP49_0.1_D	Normal	-0.001
DU10	WSP2018_TP50D	02 Feb 2018	TP50_0.1_D	Normal	<0.001
DU10	WSP2018_TP51D	25 Jul 2017	TP51_0.1_D	Normal	<0.001
DU10	WSP2018_TP53D	12 Sep 2017	TP53_0.1_D	Normal	<0.001
DU10	WSP2018_TP54D	02 Feb 2018	TP54_0.1_D	Normal	<0.001
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	<0.001
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.5_E	Normal	<0.001
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	<0.001
DU11	WSP2018_HA08E	04 Jun 2018	HA08_1.0_E	Normal	<0.001
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.0_E	Normal	<0.001
DU11	WSP2018_HA13E	12 Jun 2018	HA13_1.0_E	Normal	<0.001
DU11	WSP2018_HA14E	12 Jun 2018	HA14_1.0_E	Normal	<0.001
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.0_E	Normal	<0.001
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.0_E	Normal	<0.001
DU11	WSP2018_HA19E	13 Jun 2018	HA19_1.0_E	Normal	<0.001
DU11	WSP2018_HA21E	13 Jun 2018	HA21_1.0_E	Normal	<0.001

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos fibres
					%ww
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.0_E	Normal	<0.001
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	0.005
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	0.001
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	<0.001
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.1_E	Normal	<0.001
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.1_E	Normal	<0.001
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	<0.001
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.5_E	Normal	<0.001
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.1_E	Normal	0.005
DU11	WSP2018_TP14E	10 Jul 2018	TP14_0.5_E	Normal	<0.001
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	<0.001
DU11	WSP2018_TP16E	10 Jul 2018	TP16_0.5_E	Normal	<0.001
DU11	WSP2018_TP19E	10 Jul 2018	TP19_0.1_E	Normal	<0.001
DU11	WSP2018_TP21E	10 Jul 2018	TP21_0.1_E	Normal	0.002
DU11	WSP2018_TP22E	10 Jul 2018	TP22_0.5_E	Normal	0.002
DU11	WSP2018_TP23E	10 Jul 2018	TP23_0.1_E	Normal	<0.001
DU11	WSP2018_TP25E	10 Jul 2018	TP25_0.1_E	Normal	<0.001
DU11	WSP2018_TP27E	11 Jul 2018	TP27_0.1_E	Normal	0.006
DU11	WSP2018_TP29E	11 Jul 2018	TP29_0.1_E	Normal	<0.001
DU11	WSP2018_TP29E	11 Jul 2018	TP29_1.5_E	Normal	0.004
DU11	WSP2018_TP31E	11 Jul 2018	TP31_0.1_E	Normal	<0.001
DU11	WSP2018_TP33E	11 Jul 2018	TP33_0.1_E	Normal	<0.001
DU11	WSP2018_TP35E	11 Jul 2018	TP35_0.1_E	Normal	<0.001
DU11	WSP2018_TP36E	11 Jul 2018	TP36_0.5_E	Normal	<0.001
DU11	WSP2018_TP38E	11 Jul 2018	TP38_0.5_E	Normal	<0.001
DU11	WSP2018_TP40E	11 Jul 2018	TP40_0.5_E	Normal	<0.001
DU12	WSP2018_BH01B	06 Nov 2018	BH01_1.0_B	Normal	<0.001
DU12	WSP2018_BH02B	06 Nov 2018	BH02_0.5_B	Normal	<0.001
DU12	WSP2018_BH03B	06 Nov 2018	BH03_1.0_B	Normal	<0.001
DU12	WSP2018_BH04B	08 Nov 2018	BH04_0.7_B	Normal	0.007
DU12	WSP2018_BH05B	08 Nov 2018	BH05_0.7_B	Normal	<0.001
DU12	WSP2018_BH06B	08 Nov 2018	BH06_0.8_B	Normal	<0.001
DU12	WSP2018_BH07B	08 Nov 2018	BH07_0.5_B	Normal	<0.001
DU12	WSP2018_BH08B	08 Nov 2018	BH08_0.7_B	Normal	<0.001
DU12	WSP2018_BH09B	08 Nov 2018	BH09_0.7_B	Normal	<0.001
DU12	WSP2018_BH10B	08 Nov 2018	BH10_2.0_B	Normal	<0.001
DU12	WSP2018_BH11B	08 Nov 2018	BH11_1.0_B	Normal	<0.001
DU12	WSP2018_BH12B	08 Nov 2018	BH12_1.0_B	Normal	<0.001
DU12	WSP2018_BH13B	08 Nov 2018	BH13_0.5_B	Normal	<0.001
DU12	WSP2018_BH14B	08 Nov 2018	BH14_0.5_B	Normal	<0.001
DU12	WSP2018_BH15B	08 Nov 2018	BH15_0.5_B	Normal	<0.001
DU12	WSP2018_BH16B	08 Nov 2018	BH16_0.5_B	Normal	<0.001
DU12	WSP2018_BH17B	08 Nov 2018	BH17_1.0_B	Normal	<0.001
DU12	WSP2018_BH18B	08 Nov 2018	BH18_0.5_B	Normal	<0.001
DU12	WSP2018_BH19B	08 Nov 2018	BH19_1.0_B	Normal	<0.001
DU12	WSP2018_BH20B	08 Nov 2018	BH20_1.0_B	Normal	<0.001
DU12	WSP2018_TP01C	17 May 2017	TP01_0.1_C	Normal	<0.001
DU12	WSP2018_TP02B	23 May 2017	TP02_0.1_B	Normal	<0.001
DU12	WSP2018_TP05B	23 May 2017	TP05_0.1_B	Normal	<0.001
DU12	WSP2018_TP06C	17 May 2017	TP06_0.1_C	Normal	<0.001
DU12	WSP2018_TP07B	23 May 2017	TP07_0.1_B	Normal	<0.001
DU12	WSP2018_TP13B	23 May 2017	TP13_0.1_B	Normal	<0.001
DU12	WSP2018_TP13C	17 May 2017	TP13_0.1_C	Normal	<0.001
DU12	WSP2018_TP17C	17 May 2017	TP17_0.1_C	Normal	<0.001
DU12	WSP2018_TP23B	18 May 2017	TP23_0.1_B	Normal	<0.001
DU12	WSP2018_TP26B	18 May 2017	TP26_0.1_B	Normal	<0.001
DU12	WSP2018_TP33B	18 May 2017	TP33_0.1_B	Normal	<0.001
DU12	WSP2018_TP34B	18 May 2017	TP34_0.1_B	Normal	<0.001
DU16	WSP2018_BH01_AC	30 May 2018	BH01_1.5_AC	Normal	<0.001
DU16	WSP2018_BH05_AC	30 May 2018	BH05_1.5_AC	Normal	<0.001
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_0.1_T2	Normal	<0.001
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_0.5_T2	Normal	<0.001
DU16	WSP2018_TP03_T2	01 Aug 2018	TP03_0.1_T2	Normal	<0.001
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_0.1_T2	Normal	<0.001
DU16	WSP2018_TP05_T2	01 Aug 2018	TP05_0.1_T2	Normal	<0.001
DU16	WSP2018_TP07_T2	01 Aug 2018	TP07_0.1_T2	Normal	<0.001
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.1_T2	Normal	<0.001

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos fibres
					%ww
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.1_T2	Normal	<0.001
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.5_T2	Normal	<0.001
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_0.1_T2	Normal	<0.001
DU16	WSP2018_TP11_T2	01 Aug 2018	TP11_0.1_T2	Normal	<0.001
DU16	WSP2018_TP12_T2	01 Aug 2018	TP12_0.1_T2	Normal	<0.001
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_0.5_T2	Normal	<0.001
DU16	WSP2018_TP14_T2	02 Aug 2018	TP14_0.2_T2	Normal	<0.001
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_0.1_T2	Normal	<0.001
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_0.5_T2	Normal	<0.001
DU16	WSP2018_TP17_T2	02 Aug 2018	TP17_0.2_T2	Normal	<0.001
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_0.1_T2	Normal	<0.001
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_0.5_T2	Normal	<0.001
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.1_T2	Normal	<0.001
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.5_T2	Normal	<0.001
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.1_T2	Normal	<0.001
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	<0.001
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.5_T3	Normal	<0.001
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.2_T3	Normal	<0.001
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	<0.001
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	<0.001
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	<0.001
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	<0.001
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.1_T3	Normal	<0.001
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	<0.001
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.2_T3	Normal	<0.001
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.5_T3	Normal	<0.001
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	<0.001
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_0.2_T3	Normal	<0.001
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.2_T3	Normal	<0.001
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.5_T3	Normal	<0.001
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.5_T3	Normal	<0.001
DU16	WSP2018_TP40_T3	03 Aug 2018	TP40_0.2_T3	Normal	<0.001
DU16	WSP2018_TP41_T3	03 Aug 2018	TP41_0.2_T3	Normal	<0.001
DU16	WSP2018_TP42_T3	03 Aug 2018	TP42_0.5_T3	Normal	<0.001
DU16	WSP2018_TP43_T3	03 Aug 2018	TP43_0.2_T3	Normal	<0.001
DU16	WSP2018_TP44_T3	03 Aug 2018	TP44_0.2_T3	Normal	<0.001
DU16	WSP2018_TP45_T3	03 Aug 2018	TP45_0.5_T3	Normal	<0.001
Northern SPU pad	WSP2025f_SPU24_BH14	18 Sep 2024	SPU24_BH14_0.4	Normal	-
Northern SPU pad	WSP2025f_SPU24_BH14	18 Sep 2024	SPU24_BH14_2.0	Normal	-
Northern SPU pad	WSP2025f_SPU24_BH15	18 Sep 2024	SPU24_BH15_0.4	Normal	-
Northern SPU pad	WSP2025f_SPU24_BH15	18 Sep 2024	SPU24_BH15_2.0	Normal	-
Northern SPU pad	WSP2025f_SPU24_BH16	18 Sep 2024	SPU24_BH16_1.0	Normal	-
Northern SPU pad	WSP2025f_SPU24_BH16	18 Sep 2024	SPU24_BH16_2.0	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB9	03 Sep 2024	SPU24_SVB9_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB10	03 Sep 2024	SPU24_SVB10_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB11	03 Sep 2024	SPU24_SVB11_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB12	03 Sep 2024	SPU24_SVB12_0.6	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB13	03 Sep 2024	SPU24_SVB13_0.6	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB14	04 Sep 2024	SPU24_SVB14_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB15	04 Sep 2024	SPU24_SVB15_0.6	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB16	04 Sep 2024	SPU24_SVB16_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB17	04 Sep 2024	SPU24_SVB17_0.6	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB18	04 Sep 2024	SPU24_SVB18_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB19	04 Sep 2024	SPU24_SVB19_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB20	04 Sep 2024	SPU24_SVB20_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB21	04 Sep 2024	SPU24_SVB21_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB22	04 Sep 2024	SPU24_SVB22_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB23	04 Sep 2024	SPU24_SVB23_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB24	05 Sep 2024	SPU24_SVB24_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB25	05 Sep 2024	SPU24_SVB25_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB26	05 Sep 2024	SPU24_SVB26_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB27	05 Sep 2024	SPU24_SVB27_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB28	05 Sep 2024	SPU24_SVB28_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB29	05 Sep 2024	SPU24_SVB29_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB30	05 Sep 2024	SPU24_SVB30_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB31	06 Sep 2024	SPU24_SVB31_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB32	06 Sep 2024	SPU24_SVB32_0.5	Normal	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos fibres
					%ww
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Northern SPU pad	WSP2025f_SPU24_SVB33	06 Sep 2024	SPU24_SVB33_0.45	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB34	06 Sep 2024	SPU24_SVB34_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB35	06 Sep 2024	SPU24_SVB35_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB37	09 Sep 2024	SPU24_SVB37_0.6	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB38	09 Sep 2024	SPU24_SVB38_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB39	09 Sep 2024	SPU24_SVB39_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB40	09 Sep 2024	SPU24_SVB40_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB41	09 Sep 2024	SPU24_SVB41_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB42	09 Sep 2024	SPU24_SVB42_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB43	10 Sep 2024	SPU24_SVB43_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB44	10 Sep 2024	SPU24_SVB44_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB45	10 Sep 2024	SPU24_SVB45_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB46	10 Sep 2024	SPU24_SVB46_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB47	10 Sep 2024	SPU24_SVB47_0.7	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB48	10 Sep 2024	SPU24_SVB48_0.8	Normal	-
Northern SPU pad	WSP2025f_SPU24_SVB49	11 Sep 2024	SPU24_SVB49_0.8	Normal	-
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	-
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_0.2	Normal	-
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	-
Northern SPU pad	WSP2025f_TP01	15 Aug 2024	TP01_1.0	Normal	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.2	Normal	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_0.5	Normal	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	-
Northern SPU pad	WSP2025f_TP02	15 Aug 2024	TP02_1.0	Normal	-
Northern SPU pad	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	-
Northern SPU pad	WSP2025f_TP03	14 Aug 2024	TP03_0.2	Normal	-
Northern SPU pad	WSP2025f_TP03	15 Aug 2024	TP03_1.5	Normal	-
Northern SPU pad	WSP2025f_TP03	15 Aug 2024	TP03_1.5	Normal	-
Northern SPU pad	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	-
Northern SPU pad	WSP2025f_TP04	14 Aug 2024	TP04_0.2	Normal	-
Northern SPU pad	WSP2025f_TP04	15 Aug 2024	TP04_1.0	Normal	-
Northern SPU pad	WSP2025f_TP04	15 Aug 2024	TP04_1.0	Normal	-
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.2	Normal	-
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.2	Normal	-
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	-
Northern SPU pad	WSP2025f_TP05	15 Aug 2024	TP05_0.5	Normal	-
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	-
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_0.2	Normal	-
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	-
Northern SPU pad	WSP2025f_TP06	15 Aug 2024	TP06_2.0	Normal	-
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	-
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_0.2	Normal	-
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	-
Northern SPU pad	WSP2025f_TP07	15 Aug 2024	TP07_1.0	Normal	-
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	-
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_0.2	Normal	-
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	-
Northern SPU pad	WSP2025f_TP08	15 Aug 2024	TP08_1.5	Normal	-
Pipeways	WSP2018_K_1005	20 Jul 2018	K_1005_A_180720	Normal	<0.01
Pipeways	WSP2018_K_1007	23 Jul 2018	K_1007_A_180723	Normal	<0.01
Process_Unit	WSP2018_TP02E	09 Jul 2018	TP02_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP04E	10 Jul 2018	TP04_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP06E	10 Jul 2018	TP06_0.1_E	Normal	<0.001
Process_Unit	WSP2018_TP06E	10 Jul 2018	TP06_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP08E	10 Jul 2018	TP08_0.5_E	Normal	0.009
Process_Unit	WSP2018_TP10E	10 Jul 2018	TP10_0.1_E	Normal	<0.001
Process_Unit	WSP2018_TP12E	10 Jul 2018	TP12_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP18E	10 Jul 2018	TP18_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP20E	10 Jul 2018	TP20_0.5_E	Normal	0.121
Process_Unit	WSP2018_TP24E	10 Jul 2018	TP24_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP26E	10 Jul 2018	TP26_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP28E	11 Jul 2018	TP28_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP30E	11 Jul 2018	TP30_0.5_E	Normal	<0.001
Process_Unit	WSP2018_TP32E	11 Jul 2018	TP32_0.5_E	Normal	0.004
Process_Unit	WSP2018_TP34E	11 Jul 2018	TP34_0.5_E	Normal	<0.001

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos fibres
					%ww
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Process_Unit	WSP2018_TP37E	11 Jul 2018	TP37_0.1_E	Normal	<0.001
Process_Unit	WSP2018_TP39E	11 Jul 2018	TP39_0.1_E	Normal	<0.001
Process_Unit	WSP2018_TP41E	11 Jul 2018	TP41_0.1_E	Normal	<0.001
Process_Unit, Process_Unit	WSP2018_SS01_GB	15 Jun 2018	SS01_GB	Normal	<0.001
Process_Unit, Process_Unit	WSP2018_SS02_GB	15 Jun 2018	SS02_GB	Normal	<0.001
Process_Unit, Process_Unit	WSP2018_SS03_GB	15 Jun 2018	SS03_GB	Normal	<0.001
Process_Unit, Process_Unit	WSP2018_SS04_GB	15 Jun 2018	SS04_GB	Normal	<0.001
Process_Unit, Process_Unit	WSP2018_SS05_GB	15 Jun 2018	SS05_GB	Normal	<0.001
Process_Unit, Process_Unit	WSP2018_SS06_GB	15 Jun 2018	SS06_GB	Normal	<0.001
SEPPs ROW	WSP2018_HA01_SPR	26 Jul 2018	HA01_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA01_SPR	26 Jul 2018	HA01_0.5_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA02_SPR	26 Jul 2018	HA02_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA03_SPR	26 Jul 2018	HA03_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA04_SPR	26 Jul 2018	HA04_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA05_SPR	26 Jul 2018	HA05_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA06_SPR	26 Jul 2018	HA06_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA06_SPR	26 Jul 2018	HA06_0.5_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA07_SPR	26 Jul 2018	HA07_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA08_SPR	26 Jul 2018	HA08_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA09_SPR	26 Jul 2018	HA09_0.1_SPR	Normal	<0.001
SEPPs ROW	WSP2018_HA09_SPR	26 Jul 2018	HA09_0.6_SPR	Normal	<0.001
Southern SPU pad	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_0.2	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH10	19 Sep 2024	SPU24_BH10_1.0	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_0.2	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH11	19 Sep 2024	SPU24_BH11_1.5	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_0.2	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH12	19 Sep 2024	SPU24_BH12_1.5	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_0.2	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH13	19 Sep 2024	SPU24_BH13_1.5	Normal	-
Southern SPU pad	WSP2025f_SPU24_BH19	18 Sep 2024	SPU24_BH19_1.5	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB1	03 Sep 2024	SPU24_SVB1_0.8	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB2	03 Sep 2024	SPU24_SVB2_0.8	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB3	03 Sep 2024	SPU24_SVB3_0.8	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB4	03 Sep 2024	SPU24_SVB4_0.8	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB5	03 Sep 2024	SPU24_SVB5_0.8	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB6	03 Sep 2024	SPU24_SVB6_0.8	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB7	03 Sep 2024	SPU24_SVB7_0.8	Normal	-
Southern SPU pad	WSP2025f_SPU24_SVB8	03 Sep 2024	SPU24_SVB8_0.9	Normal	-
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	-
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_0.5	Normal	-
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	-
Southern SPU pad	WSP2025f_TP09	16 Aug 2024	TP09_1.0	Normal	-
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	-
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_0.2	Normal	-
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	-
Southern SPU pad	WSP2025f_TP10	16 Aug 2024	TP10_2.0	Normal	-
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	-
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_0.2	Normal	-
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	-
Southern SPU pad	WSP2025f_TP11	16 Aug 2024	TP11_1.0	Normal	-
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	-
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_0.5	Normal	-
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	-
Southern SPU pad	WSP2025f_TP12	16 Aug 2024	TP12_1.5	Normal	-
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	-
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.2	Normal	-
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.5	Normal	-
Southern SPU pad	WSP2025f_TP13	16 Aug 2024	TP13_0.5	Normal	-
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	-
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_0.5	Normal	-
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_1.0	Normal	-
Southern SPU pad	WSP2025f_TP14	19 Aug 2024	TP14_1.0	Normal	-
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	-
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.2	Normal	-
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.5	Normal	-
Southern SPU pad	WSP2025f_TP15	16 Aug 2024	TP15_0.5	Normal	-
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	-

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos fibres
					%ww
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.2	Normal	-
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.5	Normal	-
Southern SPU pad	WSP2025f_TP16	19 Aug 2024	TP16_0.5	Normal	-
Zone 1	WSP2018_BH01_LPG	31 Oct 2018	BH01_0.5_LPG	Normal	<0.001
Zone 1	WSP2018_BH02_LPG	31 Oct 2018	BH02_1.5_LPG	Normal	<0.001
Zone 1	WSP2018_BH03_LPG	31 Oct 2018	BH03_0.5_LPG	Normal	<0.001
Zone 1	WSP2018_HA01D	13 Jun 2018	HA01_0.2_D	Normal	<0.001
Zone 1	WSP2018_HA03A	30 May 2018	HA03_1.0_A	Normal	<0.001
Zone 1	WSP2018_HA03D	13 Jun 2018	HA03_0.5_D	Normal	-
Zone 1	WSP2018_HA04D	13 Jun 2018	HA04_1.0_D	Normal	0.004
Zone 1	WSP2018_HA05D	13 Jun 2018	HA05_1.0_D	Normal	<0.001
Zone 1	WSP2018_HA07A	31 May 2018	HA07_1.0_A	Normal	<0.001
Zone 1	WSP2018_HA10A	31 May 2018	HA10_1.0_A	Normal	<0.001
Zone 1	WSP2018_HA12A	31 May 2018	HA12_1.0_A	Normal	<0.001
Zone 1	WSP2018_HA15A	31 May 2018	HA15_0.2_A	Normal	-
Zone 1	WSP2018_HA15A	31 May 2018	HA15_1.0_A	Normal	<0.001
Zone 1	WSP2018_HA25E	25 Jul 2018	HA25_0.1_E	Normal	<0.001
Zone 1	WSP2018_HA26E	25 Jul 2018	HA26_0.1_E	Normal	0.025
Zone 1	WSP2018_HA26E	25 Jul 2018	HA26_0.5_E	Normal	<0.001
Zone 1	WSP2018_HA27E	25 Jul 2018	HA27_0.1_E	Normal	<0.001
Zone 1	WSP2018_HA27E	25 Jul 2018	HA27_0.5_E	Normal	<0.001
Zone 1	WSP2018_HA28E	25 Jul 2018	HA28_0.1_E	Normal	<0.001
Zone 1	WSP2018_TP01_LPG	23 Jul 2018	TP01_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP01_T1	18 Jul 2018	TP01_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP01_T1	18 Jul 2018	TP01_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP01_T124	29 Aug 2018	TP01_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP02_LPG	24 Jul 2018	TP02_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP02_T1	18 Jul 2018	TP02_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP02_T124	29 Aug 2018	TP02_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP03_LPG	23 Jul 2018	TP03_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP03_T1	18 Jul 2018	TP03_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP03_T124	29 Aug 2018	TP03_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP04_LPG	23 Jul 2018	TP04_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP04_T1	18 Jul 2018	TP04_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP04_T124	29 Aug 2018	TP04_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP05_LPG	23 Jul 2018	TP05_0.1_LPG	Normal	0.002
Zone 1	WSP2018_TP05_T1	18 Jul 2018	TP05_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP05_T124	29 Aug 2018	TP05_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP06_LPG	23 Jul 2018	TP06_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP06_T1	18 Jul 2018	TP06_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP06_T124	29 Aug 2018	TP06_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP07_LPG	23 Jul 2018	TP07_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP07_T1	18 Jul 2018	TP07_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP07_T124	29 Aug 2018	TP07_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP08_LPG	23 Jul 2018	TP08_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP08_T1	18 Jul 2018	TP08_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP08_T124	29 Aug 2018	TP08_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP09_LPG	23 Jul 2018	TP09_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP09_LPG	23 Jul 2018	TP09_0.5_LPG	Normal	<0.001
Zone 1	WSP2018_TP09_T1	18 Jul 2018	TP09_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP09_T1	18 Jul 2018	TP09_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP09_T124	29 Aug 2018	TP09_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP10_LPG	23 Jul 2018	TP10_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP10_LPG	23 Jul 2018	TP10_0.5_LPG	Normal	<0.001
Zone 1	WSP2018_TP10_T1	18 Jul 2018	TP10_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP10_T1	18 Jul 2018	TP10_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP10_T124	29 Aug 2018	TP10_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP11_LPG	23 Jul 2018	TP11_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP11_T1	18 Jul 2018	TP11_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP11_T124	29 Aug 2018	TP11_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP12_LPG	23 Jul 2018	TP12_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP12_T1	18 Jul 2018	TP12_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP12_T124	29 Aug 2018	TP12_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP13_LPG	23 Jul 2018	TP13_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP13_T1	18 Jul 2018	TP13_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP13_T124	29 Aug 2018	TP13_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP14_LPG	23 Jul 2018	TP14_0.2_LPG	Normal	<0.001

DU10 - 1f: Soil Analytical Results – Asbestos Screening

					Asbestos fibres
					%ww
EQL					
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial					
Zone 1	WSP2018_TP14_T1	19 Jul 2018	TP14_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP14_T124	29 Aug 2018	TP14_0.2_T124	Normal	0.004
Zone 1	WSP2018_TP15_LPG	23 Jul 2018	TP15_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP15_T1	19 Jul 2018	TP15_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP15_T124	28 Aug 2018	TP15_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP16_LPG	23 Jul 2018	TP16_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP16_T1	19 Jul 2018	TP16_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP16_T124	28 Aug 2018	TP16_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP17_LPG	23 Jul 2018	TP17_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP17_T1	19 Jul 2018	TP17_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP17_T124	28 Aug 2018	TP17_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP18_LPG	24 Jul 2018	TP18_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP18_LPG	24 Jul 2018	TP18_0.5_LPG	Normal	<0.001
Zone 1	WSP2018_TP18_T1	19 Jul 2018	TP18_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP18_T1	19 Jul 2018	TP18_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP18_T124	28 Aug 2018	TP18_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP19_LPG	24 Jul 2018	TP19_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP19_T1	19 Jul 2018	TP19_0.1_T1	Normal	0.001
Zone 1	WSP2018_TP19_T124	28 Aug 2018	TP19_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP20_LPG	24 Jul 2018	TP20_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP20_T1	19 Jul 2018	TP20_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP20_T124	28 Aug 2018	TP20_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP21_LPG	24 Jul 2018	TP21_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP21_T1	19 Jul 2018	TP21_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP21_T124	28 Aug 2018	TP21_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP22_LPG	24 Jul 2018	TP22_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP22_T1	19 Jul 2018	TP22_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP22_T124	28 Aug 2018	TP22_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP23_LPG	24 Jul 2018	TP23_0.1_LPG	Normal	<0.001
Zone 1	WSP2018_TP23_LPG	24 Jul 2018	TP23_0.5_LPG	Normal	<0.001
Zone 1	WSP2018_TP23_T1	19 Jul 2018	TP23_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP23_T1	19 Jul 2018	TP23_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP23_T124	28 Aug 2018	TP23_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP24_T1	19 Jul 2018	TP24_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP24_T124	28 Aug 2018	TP24_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP25_T1	19 Jul 2018	TP25_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP25_T1	19 Jul 2018	TP25_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP25_T124	28 Aug 2018	TP25_0.1_T124	Normal	<0.001
Zone 1	WSP2018_TP26_T1	19 Jul 2018	TP26_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP26_T124	28 Aug 2018	TP26_0.5_T124	Normal	<0.001
Zone 1	WSP2018_TP28_T1	19 Jul 2018	TP28_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP28_T1	19 Jul 2018	TP28_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP29_T1	19 Jul 2018	TP29_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP30_T1	19 Jul 2018	TP30_0.1_T1	Normal	<0.001
Zone 1	WSP2018_TP32_T1	19 Jul 2018	TP32_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP33_T1	19 Jul 2018	TP33_0.2_T1	Normal	<0.001
Zone 1	WSP2018_TP33_T1	19 Jul 2018	TP33_0.5_T1	Normal	<0.001
Zone 1	WSP2018_TP34_T1	19 Jul 2018	TP34_0.1_T1	Normal	<0.001

DU11 - 1a: Historical Exceedances

Legend

- Culvert
- Stormwater service
- DU boundary
- Site boundary
- Oily water system
- Redundant Stormwater

Investigations

- WSP 2018
- WSP 2025f
- AECOM 2025c
- AECOM 2025c (geotech)
- Asbestos detection

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals										
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Chromium (trivalent)	Copper	Lead	Mercury	Nickel	Zinc	Benzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	5	1	1	0.1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m						260[#1]	NL [#2]																				3
>=1m, <2m						370	NL																				3
>=2m, <4m						630	NL																				3
>=4m						NL [#2]	NL																				3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	3,600		240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m						**NL**	**NL**																				**77**
>=2m, <4m						**NL**	**NL**																				**160**
>=4m						**NL**	**NL**																				**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																					360,000[#10]						5.1[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.30-0.35m_**	**Normal**	<10	<10	<50	<50	1,340	2,150	3,490	<10	<50	430	1,520	1,950	<5	<1	14	-	-	104	6	<0.1	15	89	<0.2
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.35-1.30m_**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.0_OG**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.5_OG**	**Normal**	<10	<10	<50	<50	240	200	440	-	-	-	-	-	<5	<1	2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.0_OG**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.5_OG**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	-	-	<5	<5	0.2	<2	<5	<0.2
DU11	**WSP2018_HA02E**	**04 Jun 2018**	**HA02_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA03E**	**04 Jun 2018**	**HA03_0.8_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	8	-	-	63	25	<0.1	7	116	<0.2
DU11	**WSP2018_HA04E**	**04 Jun 2018**	**HA04_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA05E**	**04 Jun 2018**	**HA05_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_0.2_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	9	-	-	6	6	<0.1	3	13	<0.2
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA07E**	**04 Jun 2018**	**HA07_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA08E**	**04 Jun 2018**	**HA08_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_2.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_HA10E**	**12 Jun 2018**	**HA10_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_1.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	<5	<5	<0.1	<2	5	<0.2
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_1.4_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_HA13E**	**12 Jun 2018**	**HA13_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA14E**	**12 Jun 2018**	**HA14_0.1_E**	**Normal**	<10	<10	180	180	560	590	1,330	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_0.1_E**	**Normal**	<10	<10	190	190	640	720	1,550	-	-	-	-	-	<5	<1	13	-	-	12	8	<0.1	13	27	<0.2
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_1.4_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA16E**	**12 Jun 2018**	**HA16_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_0.2_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_1.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	785	<5	<0.1	57	7	<0.2
DU11	**WSP2018_HA19E**	**13 Jun 2018**	**HA19_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-	-	<5	<5	<0.1	<2	6	<0.2
DU11	**WSP2018_HA21E**	**13 Jun 2018**	**HA21_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_1.3_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_HA23E**	**13 Jun 2018**	**HA23_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_0.1_E**	**Normal**	<10	<10	<50	<50	140	180	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_1.4_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_TP01E**	**09 Jul 2018**	**TP01_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	4	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_TP05E**	**10 Jul 2018**	**TP05_0.1_E**	**Normal**	<10	<10	<50	<50	100	110	210	<10	-	-	-	<50	6	<1	24	-	-	158	141	19.1	14	836	<0.2
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_0.5_E**	**Normal**	<10	<10	<50	<50	480	260	740	<10	-	-	-	560	6	<1	43	-	-	132	58	0.2	59	535	<0.2
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_1.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP11E**	**10 Jul 2018**	**TP11_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	<2	-	-	<5	<5	<0.1	<2	5	<0.2
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP14E**	**10 Jul 2018**	**TP14_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP15E**	**09 Jul 2018**	**TP15_0.1_E**	**Normal**	<10	<10	<50	<50	360	210	570	<10	-	-	-	450	<5	<1	38	-	-	139	97	1.7	24	1,190	<0.2
DU11	**WSP2018_TP16E**	**10 Jul 2018**	**TP16_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP17E**	**10 Jul 2018**	**TP17_1.5_E**	**Normal**	<10	<10	<50	<50	2,400	290	2,690	<10	-	-	-	2,570	-	-	-	-	-	-	-	-	-	-	<0.2

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals										
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Chromium (trivalent)	Copper	Lead	Mercury	Nickel	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	5	1	1	0.1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m		260[#1]	NL [#2]																				3
>=1m, <2m		370	NL																				3
>=2m, <4m		630	NL																				3
>=4m		NL [#2]	NL																				3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]	900	3,600[#4]	3,600		240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
>=0m, <2m		**NL**	**NL**																				**77**
>=2m, <4m		**NL**	**NL**																				**160**
>=4m		**NL**	**NL**																				**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																	360,000[#10]						5.1[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																					
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	22	-	-	29	20	<0.1	54	267	<0.2
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	6	-	-	<5	<5	<0.1	<2	8	<0.2
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	13	-	-	28	24	<0.1	9	70	<0.2
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	<10	<10	<50	<50	330	130	460	<10	-	-	-	390	18	<1	166	-	-	102	133	1.8	79	1,080	<0.2
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	2	-	-	<5	18	<0.1	<2	15	<0.2
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	<10	<10	<50	<50	100	<100	100	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	<2	-	-	<5	<5	<0.1	<2	<5	<0.2
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	19	<1	15	-	-	16	12	<0.1	11	71	<0.2
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	3	-	-	11	24	<0.1	<2	147	<0.2
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	8.7	<0.4	26	<1	-	<5	6.5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.0	<0.4	6.9	<1	-	<5	<5	<0.1	<5	6.5	<0.1
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	8.0	6.9	<0.1	<5	28	<0.1
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.6	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.9	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	0.2	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	<5	<5	<5	<0.1	<5	9.5	<0.1
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	-	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.8	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.4	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.5	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	31	<0.1
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<0.4	<5	<1	-	<5	<5	<0.1	<5	<5	<0.1
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	-	-	<5	<5	<0.1	<2	<5	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals										
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)	Chromium (trivalent)	Copper	Lead	Mercury	Nickel	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	5	1	1	0.1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m		260[#1]	NL [#2]																				3
>=1m, <2m		370	NL																				3
>=2m, <4m		630	NL																				3
>=4m		NL [#2]	NL																				3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]	900	3,600[#4]	3,600		240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
>=0m, <2m		**NL**	**NL**																				**77**
>=2m, <4m		**NL**	**NL**																				**160**
>=4m		**NL**	**NL**																				**NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																	360,000[#10]						5.1[#10]

Monitoring Zone **Location Code** **Date** **Field ID** **Sample Type**

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be undertaken
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

						Monocyclic Aromatic Hydrocarbons																			
						Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.2	1	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m						NL [#2]	NL [#2]			230							NL [#2]				NL [#2]						
>=1m, <2m						NL	NL			NL [#2]							NL				NL						
>=2m, <4m						NL	NL			NL							NL				NL						
>=4m						NL	NL			NL							NL				NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		40 [#7]	40 [#7]	40 [#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m						NL	NL			NL							NL										
>=2m, <4m						NL	NL			NL							NL										
>=4m						NL	NL			NL							NL										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						47,000 [#10]	25 [#10]		2,800 [#10]	2,500 [#10]	35,000 [#10]	9,900 [#10]	1,800 [#10]	1,500 [#10]							8.6 [#10]	3,000 [#10]		60,000 [#10]		45,000 [#10]	230,000 [#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal		<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons																				
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.2	1	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
>=0m, <1m					NL [#2]	NL [#2]			230							NL [#2]				NL [#2]						
>=1m, <2m					NL	NL			NL [#2]							NL				NL						
>=2m, <4m					NL	NL			NL							NL				NL						
>=4m					NL	NL			NL							NL				NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	40[#7]	40[#7]	40[#7]							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																										
>=0m, <2m					**NL**	**NL**			**NL**							**NL**										
>=2m, <4m					**NL**	**NL**			**NL**							**NL**										
>=4m					**NL**	**NL**			**NL**							**NL**										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					47,000[#10]	25[#10]		2,800[#10]	2,500[#10]	35,000[#10]	9,900[#10]	1,800[#10]	1,500[#10]							8.6[#10]	3,000[#10]		60,000[#10]		45,000[#10]	230,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																						
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Monocyclic Aromatic Hydrocarbons																					
	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.2	1	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m	NL #2	NL #2			230							NL #2				NL #2						
>=1m, <2m	NL	NL			NL #2							NL				NL						
>=2m, <4m	NL	NL			NL							NL				NL						
>=4m	NL	NL			NL							NL				NL						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													40 #7	40 #7	40 #7							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m	**NL**	**NL**			**NL**							**NL**										
>=2m, <4m	**NL**	**NL**			**NL**							**NL**										
>=4m	**NL**	**NL**			**NL**							**NL**										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	47,000 #10	25 #10		2,800 #10	2,500 #10	35,000 #10	9,900 #10	1,800 #10	1,500 #10							8.6 #10	3,000 #10		60,000 #10		45,000 #10	230,000 #10

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons																				Cyanides			
					Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(bꝏ)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.5	0.1	0.1	0.1	0.5	0.5	1	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.4	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m						NL																						
>=1m, <2m						NL																						
>=2m, <4m						NL																						
>=4m						NL																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							4,000[#8]			240,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
>=0m, <2m																												
>=2m, <4m																												
>=4m						NL																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					30,000[#10]			30,000[#10]	21[#10]	210[#10]			0.6[#10]	0.0084[#10]	2.1[#10]		2,100[#10]	23,000[#10]	0.1[#10]		2.1[#10]	21[#10]			150[#10]			5,800[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<1	<0.5	<0.5
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<1	<0.5	<0.5
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	1.3	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-	<0.5	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons																			Cyanides			
					Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(bⅈ)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.5	0.1	0.1	0.1	0.5	0.5	1	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.4	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m						NL																						
>=1m, <2m						NL																						
>=2m, <4m						NL																						
>=4m						NL																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							4,000[#8]			240,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
>=0m, <2m																												
>=2m, <4m																												
>=4m						NL																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					30,000[#10]			30,000[#10]	21[#10]	210[#10]			0.6[#10]	0.0084[#10]	2.1[#10]		2,100[#10]	23,000[#10]	0.1[#10]		2.1[#10]	21[#10]			150[#10]			5,800[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	WSP2018_TP19E	10 Jul 2018	TP19_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP21E	10 Jul 2018	TP21_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP21E	10 Jul 2018	TP21_1.8_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP22E	10 Jul 2018	TP22_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP23E	10 Jul 2018	TP23_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP23E	10 Jul 2018	TP23_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP25E	10 Jul 2018	TP25_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP27E	11 Jul 2018	TP27_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP27E	11 Jul 2018	TP27_1.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP29E	11 Jul 2018	TP29_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP29E	11 Jul 2018	TP29_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP31E	11 Jul 2018	TP31_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP31E	11 Jul 2018	TP31_1.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP33E	11 Jul 2018	TP33_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP35E	11 Jul 2018	TP35_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP35E	11 Jul 2018	TP35_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP36E	11 Jul 2018	TP36_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP38E	11 Jul 2018	TP38_0.1_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP38E	11 Jul 2018	TP38_1.0_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP40E	11 Jul 2018	TP40_0.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2018_TP40E	11 Jul 2018	TP40_1.5_E	Normal	-	-	<0.5	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	<0.5	-	-	-	-
DU11	WSP2025f_OG24_BH01	16 Sep 2024	OG24_BH01_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH01	16 Sep 2024	OG24_BH01_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH02	17 Sep 2024	OG24_BH02_0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH02	17 Sep 2024	OG24_BH02_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH03	17 Sep 2024	OG24_BH03_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH03	17 Sep 2024	OG24_BH03_1.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH04	17 Sep 2024	OG24_BH04_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH04	17 Sep 2024	OG24_BH04_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH05	17 Sep 2024	OG24_BH05_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH05	17 Sep 2024	OG24_BH05_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH06	17 Sep 2024	OG24_BH06_0.4	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH06	17 Sep 2024	OG24_BH06_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH07	17 Sep 2024	OG24_BH07_0.2	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH07	17 Sep 2024	OG24_BH07_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH08	16 Sep 2024	OG24_BH08_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH08	16 Sep 2024	OG24_BH08_2.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH09	16 Sep 2024	OG24_BH09_0.5	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_BH09	16 Sep 2024	OG24_BH09_1.0	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_SVB52	11 Sep 2024	OG24_SVB52_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_SVB53	11 Sep 2024	OG24_SVB53_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_SVB55	11 Sep 2024	OG24_SVB55_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24_SVB56	11 Sep 2024	OG24_SVB56_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24-BH01	16 Sep 2024	OG24-BH01	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2025f_OG24-BH05	17 Sep 2024	OG24-BH05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2025f_OG24-BH08	16 Sep 2024	OG24-BH08	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2025f_OG24-SVB50	16 Sep 2024	OG24-SVB50_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24-SVB51	16 Sep 2024	OG24-SVB51_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	WSP2025f_OG24-SVB54	16 Sep 2024	OG24-SVB54_0.8	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<1	<0.4	<0.5	<0.5
DU11	ZONE2_BH01	20 Jan 2025	Zone2_BH01_1.0-1.5	Normal	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<1	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Polynuclear Aromatic Hydrocarbons																				Cyanides			
	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(bⅈ)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine	Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.5	0.1	0.1	0.1	0.5	0.5	1	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.4	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m		NL																						
>=1m, <2m		NL																						
>=2m, <4m		NL																						
>=4m		NL																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				4,000[#8]			240,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m		**NL**																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	30,000[#10]			30,000[#10]	21[#10]	210[#10]			0.6[#10]	0.0084[#10]	2.1[#10]		2,100[#10]	23,000[#10]	0.1[#10]		2.1[#10]	21[#10]			150[#10]			5,800[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

				Phenolic Compounds																							Other	Acid Sulphate Soils - Liming Rate	NA	
				2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Triazophos	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Sum of 16 US EPA Priority PAHs
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg
EQL				0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	0.5	5	20	5	10	10	1	20		0.001	1	0.005	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
>=0m, <1m																														
>=1m, <2m																														
>=2m, <4m																														
>=4m																														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					25,000									660																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																														
>=0m, <2m																														
>=2m, <4m																														
>=4m																														
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				41,000[#10]			2,500[#10]	16,000[#10]		82,000[#10]	210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]	1,600[#10]		820[#10]											
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																										
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.30-0.35m_**	**Normal**	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.35-1.30m_**	**Normal**	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA02E**	**04 Jun 2018**	**HA02_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA03E**	**04 Jun 2018**	**HA03_0.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA04E**	**04 Jun 2018**	**HA04_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA05E**	**04 Jun 2018**	**HA05_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA07E**	**04 Jun 2018**	**HA07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA08E**	**04 Jun 2018**	**HA08_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_2.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA10E**	**12 Jun 2018**	**HA10_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA13E**	**12 Jun 2018**	**HA13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA14E**	**12 Jun 2018**	**HA14_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA16E**	**12 Jun 2018**	**HA16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA19E**	**13 Jun 2018**	**HA19_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA21E**	**13 Jun 2018**	**HA21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_1.3_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_HA23E**	**13 Jun 2018**	**HA23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_TP01E**	**09 Jul 2018**	**TP01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_TP05E**	**10 Jul 2018**	**TP05_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP11E**	**10 Jul 2018**	**TP11_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP14E**	**10 Jul 2018**	**TP14_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP15E**	**09 Jul 2018**	**TP15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-
DU11	**WSP2018_TP16E**	**10 Jul 2018**	**TP16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP17E**	**10 Jul 2018**	**TP17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Phenolic Compounds																			Other	Acid Sulphate Soils - Liming Rate	NA	
					2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Triazophos	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Sum of 16 US EPA Priority PAHs
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg
EQL					0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	0.5	5	20	5	10	10	1	20		0.001	1	0.005	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						25,000									660												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					41,000[#10]			2,500[#10]	16,000[#10]		82,000[#10]	210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]	1,600[#10]		820[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<8	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	<0.2	-	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	-	<5	-	-	-	-	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.2	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<0.5	<5	<20	<5	<20	<10	<1	<20	-	-	-	-	<0.5
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Phenolic Compounds																				Other	Acid Sulphate Soils - Liming Rate	NA	
	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Triazophos	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Sum of 16 US EPA Priority PAHs
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg
EQL	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1	0.5	5	20	5	10	10	1	20		0.001	1	0.005	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		25,000									660													
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	41,000[#10]			2,500[#10]	16,000[#10]		82,000[#10]	210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]	1,600[#10]		820[#10]									

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sl
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

					CRS-ph				pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Retained Acidity					CRS-Acid Base Accounting		Polychlorinated Biphenyls					
					Cyprodinil	pHF	pHFOX (field peroxide test)	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Polychlorinated Biphenyls	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242
					mg/kg	pH Units	pH Units	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	%S	mole H+/t	% S	%S	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.1	0.1	0		0.1	0.1	2	0.02	0.005	3	0.02	0.02	10	0.02	0.02	0.02	10	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								7[#9]				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
>=0m, <2m																												
>=2m, <4m																												
>=4m																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																									27[#10]	0.83[#10]	0.72[#10]	0.95[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					CRS-ph				pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Retained Acidity					CRS-Acid Base Accounting		Polychlorinated Biphenyls					
					Cyprodinil	pHF	pHFOX (field peroxide test)	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Polychlorinated Biphenyls	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242
					mg/kg	pH Units	pH Units	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	%S	mole H+/t	% S	%S	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.1	0.1	0		0.1	0.1	2	0.02	0.005	3	0.02	0.02	10	0.02	0.02	0.02	10	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
>=4m																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								7[#9]					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
>=0m, <2m																													
>=2m, <4m																													
>=4m																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																									27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	2.0	3.4	6.5	3.1	<2	<0.003	0.020	12	-	-	-	-	-	-	0.02	12	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	2.0	1.8	6.6	4.8	12	0.020	0.010	6.2	-	-	-	-	-	-	0.03	18	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	1.0	2.7	7.0	4.3	<2	<0.003	<0.005	<3	-	-	-	-	-	-	<0.02	<10	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

		CRS-ph				pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Retained Acidity					CRS-Acid Base Accounting		Polychlorinated Biphenyls					
	Cyprodinil	pHF	pHFOX (field peroxide test)	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs	Polychlorinated Biphenyls	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242
	mg/kg	pH Units	pH Units	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	%S	mole H+/t	% S	%S	%S	moles H+/t	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.002	0.1	0.1	0		0.1	0.1	2	0.02	0.005	3	0.02	0.02	10	0.02	0.02	0.02	10	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				7[#9]				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Chlorinated Hydrocarbons						Sulfonated Compounds															
					Aroclor 1248	Aroclor 1254	Aroclor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					2,500					2,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
>=0m, <2m																												
>=2m, <4m																												
>=4m																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					0.94[#10]	0.97[#10]	0.99[#10]	7.5[#10]	8[#10]		930[#10]			3,500[#10]					600[#10]			2,500[#10]			570[#10]		8,200[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Chlorinated Hydrocarbons						Sulfonated Compounds														
					Aroclor 1248	Aroclor 1254	Aroclor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				2,500					2,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					0.94[#10]	0.97[#10]	0.99[#10]	7.5[#10]	8[#10]		930[#10]			3,500[#10]					600[#10]			2,500[#10]			570[#10]		8,200[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	-	-	-	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.1	<0.1	<0.1	<1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	<0.2	<2	<0.2	<0.2	-	<0.2	-	-	<0.2	<0.2	<0.2	<2
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

				Chlorinated Hydrocarbons						Sulfonated Compounds														
	Aroclor 1248	Aroclor 1254	Aroclor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	2,500					2,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.94[#10]	0.97[#10]	0.99[#10]	7.5[#10]	8[#10]		930[#10]			3,500[#10]					600[#10]			2,500[#10]			570[#10]		8,200[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

				Organophosphorus Pesticides (OP)																							
				Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Mephos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.1	0.02	0.05	0.05	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							570[#10]	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]	4,900[#10]	210[#10]	160[#10]			58,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.30-0.35m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.35-1.30m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA02E**	**04 Jun 2018**	**HA02_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA03E**	**04 Jun 2018**	**HA03_0.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA04E**	**04 Jun 2018**	**HA04_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA05E**	**04 Jun 2018**	**HA05_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA07E**	**04 Jun 2018**	**HA07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA08E**	**04 Jun 2018**	**HA08_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_2.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA10E**	**12 Jun 2018**	**HA10_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA13E**	**12 Jun 2018**	**HA13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA14E**	**12 Jun 2018**	**HA14_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA16E**	**12 Jun 2018**	**HA16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA19E**	**13 Jun 2018**	**HA19_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA21E**	**13 Jun 2018**	**HA21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_1.3_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA23E**	**13 Jun 2018**	**HA23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP01E**	**09 Jul 2018**	**TP01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP05E**	**10 Jul 2018**	**TP05_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP11E**	**10 Jul 2018**	**TP11_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP14E**	**10 Jul 2018**	**TP14_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP15E**	**09 Jul 2018**	**TP15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP16E**	**10 Jul 2018**	**TP16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP17E**	**10 Jul 2018**	**TP17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)																							
					Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Mephos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.1	0.02	0.05	0.05	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
>=0m, <2m																												
>=2m, <4m																												
>=4m																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								570[#10]	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]	4,900[#10]	210[#10]	160[#10]			58,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Organophosphorus Pesticides (OP)																								
	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Mephos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.05	0.002	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.2	0.005	0.2	0.05	0.1	0.02	0.05	0.05	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				570[#10]	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]	4,900[#10]	210[#10]	160[#10]			58,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

								Organochlorine Pesticides (OC)																							
				Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
>=4m																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												45							530				3,600	2,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
>=0m, <2m																													
>=2m, <4m																													
>=4m																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				19[#10]	410[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.30-0.35m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.35-1.30m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA02E**	**04 Jun 2018**	**HA02_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA03E**	**04 Jun 2018**	**HA03_0.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA04E**	**04 Jun 2018**	**HA04_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA05E**	**04 Jun 2018**	**HA05_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA07E**	**04 Jun 2018**	**HA07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA08E**	**04 Jun 2018**	**HA08_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_2.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA10E**	**12 Jun 2018**	**HA10_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA13E**	**12 Jun 2018**	**HA13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA14E**	**12 Jun 2018**	**HA14_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA16E**	**12 Jun 2018**	**HA16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA19E**	**13 Jun 2018**	**HA19_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA21E**	**13 Jun 2018**	**HA21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_1.3_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA23E**	**13 Jun 2018**	**HA23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP01E**	**09 Jul 2018**	**TP01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP05E**	**10 Jul 2018**	**TP05_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP11E**	**10 Jul 2018**	**TP11_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP14E**	**10 Jul 2018**	**TP14_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP15E**	**09 Jul 2018**	**TP15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP16E**	**10 Jul 2018**	**TP16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP17E**	**10 Jul 2018**	**TP17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

								Organochlorine Pesticides (OC)																					
				Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
>=4m																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												45							530				3,600	2,000				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
>=0m, <2m																													
>=2m, <4m																													
>=4m																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				19[#10]	410[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	1.8	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<1	<1	-	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	**3.1**	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	-	-	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

																						Organochlorine Pesticides (OC)					
	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									45							530				3,600	2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	19[#10]	410[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

													Halogenated Aromatic Compounds														
				Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				100			50		80	2,500	160																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								0.33[#10]						4.8[#10]	1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]			35[#10]	930[#10]	110[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.30-0.35m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	-
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.35-1.30m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA02E**	**04 Jun 2018**	**HA02_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA03E**	**04 Jun 2018**	**HA03_0.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA04E**	**04 Jun 2018**	**HA04_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA05E**	**04 Jun 2018**	**HA05_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA07E**	**04 Jun 2018**	**HA07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA08E**	**04 Jun 2018**	**HA08_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_2.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA10E**	**12 Jun 2018**	**HA10_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA13E**	**12 Jun 2018**	**HA13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA14E**	**12 Jun 2018**	**HA14_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA16E**	**12 Jun 2018**	**HA16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA19E**	**13 Jun 2018**	**HA19_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA21E**	**13 Jun 2018**	**HA21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_1.3_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA23E**	**13 Jun 2018**	**HA23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP01E**	**09 Jul 2018**	**TP01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP05E**	**10 Jul 2018**	**TP05_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP11E**	**10 Jul 2018**	**TP11_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP14E**	**10 Jul 2018**	**TP14_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP15E**	**09 Jul 2018**	**TP15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP16E**	**10 Jul 2018**	**TP16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP17E**	**10 Jul 2018**	**TP17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

													Halogenated Aromatic Compounds													
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2- Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
>=4m																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
>=0m, <2m																													
>=2m, <4m																													
>=4m																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									0.33[#10]						4.8[#10]	1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]			35[#10]	930[#10]	110[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.05	<0.05	<0.05	1.8	0.6	<0.05	<0.05	<0.5	4.85	4.85	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.05	<0.05	<0.05	5.1	0.48	<0.05	<0.05	<0.5	10.08	10.08	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

												Halogenated Aromatic Compounds													
	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2- Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
>=0m, <1m																									
>=1m, <2m																									
>=2m, <4m																									
>=4m																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	100			50		80	2,500	160																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
>=0m, <2m																									
>=2m, <4m																									
>=4m																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					0.33[#10]						4.8[#10]	1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]			35[#10]	930[#10]	110[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

																	Halogenated Aliphatic Compounds												
				Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
>=4m																													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																													
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																													
>=0m, <2m																													
>=2m, <4m																													
>=4m																													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				630[#10]	3.2[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]	99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																									
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

													Halogenated Aliphatic Compounds															
													Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
													mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL													0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																					
>=0m, <1m																																					
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Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																																	
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Halogenated Aliphatic Compounds																								
	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
>=0m, <1m																									
>=1m, <2m																									
>=2m, <4m																									
>=4m																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
>=0m, <2m																									
>=2m, <4m																									
>=4m																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	630[#10]	3.2[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]	99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

									Trihalomethanes				Fumigants					Phthalate Esters						Nitrosa	
				cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]	0.16[#10]	11[#10]				1,200[#10]	82,000[#10]	660,000[#10]		8,200[#10]	160[#10]	82,000[#10]	0.46[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

										Trihalomethanes				Fumigants					Phthalate Esters						Nitrosa	
				cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
>=0m, <2m																												
>=2m, <4m																												
>=4m																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]	0.16[#10]	11[#10]				1,200[#10]	82,000[#10]	660,000[#10]		8,200[#10]	160[#10]	82,000[#10]	0.46[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	-	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

								Trihalomethanes				Fumigants					Phthalate Esters						Nitrosa	
	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]	0.16[#10]	11[#10]				1,200[#10]	82,000[#10]	660,000[#10]		8,200[#10]	160[#10]	82,000[#10]	0.46[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Amines		Nitroaromatics and Ketones												Oxygenated Compounds			Physio-Chemical Parameters	Acid Sulphate Soils			Phenoxyacetic			
	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	CRS Suite - Net Acidity - NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxyacetic acid	Clopyralid	Dicamba
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	10	0.02	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.33[#10]	0.24[#10]		7.4[#10]	1.5[#10]	1.3[#10]		0.11[#10]	120,000[#10]	0.5[#10]	22[#10]	13[#10]	62,000[#10]	1,100,000[#10]	190,000[#10]	140,000[#10]					6,600[#10]			25,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																					
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.30-0.35m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.3	-	-	-	-	-	-	-
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.35-1.30m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.2	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA02E**	**04 Jun 2018**	**HA02_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA03E**	**04 Jun 2018**	**HA03_0.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA04E**	**04 Jun 2018**	**HA04_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA05E**	**04 Jun 2018**	**HA05_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA07E**	**04 Jun 2018**	**HA07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA08E**	**04 Jun 2018**	**HA08_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_2.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA10E**	**12 Jun 2018**	**HA10_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA13E**	**12 Jun 2018**	**HA13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA14E**	**12 Jun 2018**	**HA14_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA16E**	**12 Jun 2018**	**HA16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA19E**	**13 Jun 2018**	**HA19_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA21E**	**13 Jun 2018**	**HA21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_1.3_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA23E**	**13 Jun 2018**	**HA23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP01E**	**09 Jul 2018**	**TP01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP05E**	**10 Jul 2018**	**TP05_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP11E**	**10 Jul 2018**	**TP11_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP14E**	**10 Jul 2018**	**TP14_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP15E**	**09 Jul 2018**	**TP15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP16E**	**10 Jul 2018**	**TP16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP17E**	**10 Jul 2018**	**TP17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Amines		Nitroaromatics and Ketones											Oxygenated Compounds			Physio-Chemical Parameters	Acid Sulphate Soils			Phenoxyacetic			
	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	CRS Suite - Net Acidity - NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxyacetic acid	Clopyralid	Dicamba
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	10	0.02	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.33[#10]	0.24[#10]		7.4[#10]	1.5[#10]	1.3[#10]		0.11[#10]	120,000[#10]	0.5[#10]	22[#10]	13[#10]	62,000[#10]	1,100,000[#10]	190,000[#10]	140,000[#10]					6,600[#10]			25,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.0	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.0	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	22.0	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Amines		Nitroaromatics and Ketones											Oxygenated Compounds			Physio-Chemical Parameters	Acid Sulphate Soils			Phenoxyacetic
	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	CRS Suite - Net Acidity - NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxyacetic acid	Clopyralid	Dicamba
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	10	0.02	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.33#10	0.24#10		7.4#10	1.5#10	1.3#10		0.11#10	120,000#10	0.5#10	22#10	13#10	62,000#10	1,100,000#10	190,000#10	140,000#10					6,600#10			25,000#10

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Acid Herbicides				Benzidine	SPOCAS			Carbamates	Fungicides								Acid Herbicides							
	Fluroxypyr	Mecoprop	Picloram	Triclopyr	3,3-Dichlorobenzidine	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.02	0.02	0.02	0.5	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		5,000	35,000														5,000		9,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5.1[#10]					41,000[#10]			1,600[#10]		82,000[#10]						7,400[#10]	2.7[#10]	11,000[#10]	27,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																						
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.30-0.35m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**BESS_CPT1**	**10 Feb 2025**	**BESS_CPT01_0.35-1.30m_**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**13 Jun 2018**	**BH01_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.0_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH02_OG**	**13 Jun 2018**	**BH02_4.5_OG**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**04 Jun 2018**	**HA01_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA02E**	**04 Jun 2018**	**HA02_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA03E**	**04 Jun 2018**	**HA03_0.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA04E**	**04 Jun 2018**	**HA04_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA05E**	**04 Jun 2018**	**HA05_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA06E**	**04 Jun 2018**	**HA06_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA07E**	**04 Jun 2018**	**HA07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA08E**	**04 Jun 2018**	**HA08_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**04 Jun 2018**	**HA09_2.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA10E**	**12 Jun 2018**	**HA10_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**12 Jun 2018**	**HA11_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**12 Jun 2018**	**HA12_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA13E**	**12 Jun 2018**	**HA13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA14E**	**12 Jun 2018**	**HA14_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**12 Jun 2018**	**HA15_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA16E**	**12 Jun 2018**	**HA16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_0.2_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**12 Jun 2018**	**HA17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**12 Jun 2018**	**HA18_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA19E**	**13 Jun 2018**	**HA19_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**13 Jun 2018**	**HA20_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA21E**	**13 Jun 2018**	**HA21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**13 Jun 2018**	**HA22_1.3_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA23E**	**13 Jun 2018**	**HA23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**13 Jun 2018**	**HA24_1.4_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP01E**	**09 Jul 2018**	**TP01_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP03E**	**09 Jul 2018**	**TP03_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP05E**	**10 Jul 2018**	**TP05_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP07E**	**10 Jul 2018**	**TP07_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP09E**	**10 Jul 2018**	**TP09_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP11E**	**10 Jul 2018**	**TP11_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP13E**	**10 Jul 2018**	**TP13_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP14E**	**10 Jul 2018**	**TP14_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP15E**	**09 Jul 2018**	**TP15_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP16E**	**10 Jul 2018**	**TP16_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP17E**	**10 Jul 2018**	**TP17_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Acid Herbicides				Benzidine	SPOCAS			Carbamates	Fungicides								Fungicides							
	Fluroxypyr	Mecoprop	Picloram	Triclopyr	3,3-Dichlorobenzidine	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.02	0.02	0.02	0.5	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		5,000	35,000														5,000		9,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5.1[#10]					41,000[#10]			1,600[#10]		82,000[#10]						7,400[#10]	2.7[#10]	11,000[#10]	27,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																					
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Acid Herbicides				Benzidine	SPOCAS			Carbamates	Fungicides															
	Fluroxypyr	Mecoprop	Picloram	Triclopyr	3,3-Dichlorobenzidine	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.02	0.02	0.02	0.5	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02	0.02	0.002	0.005	0.002	0.004
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		5,000	35,000														5,000		9,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					5.1[#10]					41,000[#10]			1,600[#10]		82,000[#10]						7,400[#10]	2.7[#10]	11,000[#10]	27,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

				Herbicides												Pesticides								Anilines			
				2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	1	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				5,000						5,000																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					120,000[#10]	21,000[#10]	1,600[#10]	33,000[#10]	16,000[#10]			1,600[#10]	57,000[#10]	820[#10]	8,200[#10]			82,000[#10]	820[#10]	4,100[#10]	21,000[#10]	21,000[#10]		8,000[#10]	400[#10]	1,200[#10]	420[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Herbicides												Pesticides								Anilines			
					2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	1	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					5,000						5,000																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																												
>=0m, <2m																												
>=2m, <4m																												
>=4m																												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						120,000[#10]	21,000[#10]	1,600[#10]	33,000[#10]	16,000[#10]			1,600[#10]	57,000[#10]	820[#10]	8,200[#10]			82,000[#10]	820[#10]	4,100[#10]	21,000[#10]	21,000[#10]		8,000[#10]	400[#10]	1,200[#10]	420[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																								
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<0.5	<0.5	<0.5
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Herbicides												Pesticides								Anilines			
	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn	Thiobencarb	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	1	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	5,000						5,000																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		120,000[#10]	21,000[#10]	1,600[#10]	33,000[#10]	16,000[#10]			1,600[#10]	57,000[#10]	820[#10]	8,200[#10]			82,000[#10]	820[#10]	4,100[#10]	21,000[#10]	21,000[#10]		8,000[#10]	400[#10]	1,200[#10]	420[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Haloethers				Multi-Residue Pesticides	Un-assigned
	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	Irgarol	Paclobutrazol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.001	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						
>=0m, <1m						
>=1m, <2m						
>=2m, <4m						
>=4m						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand						
>=0m, <2m						
>=2m, <4m						
>=4m						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		47,000[#10]	2,500[#10]			11,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type						
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.30-0.35m_	Normal	-	-	-	-	-	-
DU11	BESS_CPT1	10 Feb 2025	BESS_CPT01_0.35-1.30m_	Normal	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.0_OG	Normal	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	13 Jun 2018	BH01_4.5_OG	Normal	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.0_OG	Normal	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	13 Jun 2018	BH02_4.5_OG	Normal	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA02E	04 Jun 2018	HA02_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.8_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA04E	04 Jun 2018	HA04_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA05E	04 Jun 2018	HA05_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_0.2_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA07E	04 Jun 2018	HA07_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA09E	04 Jun 2018	HA09_2.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA10E	12 Jun 2018	HA10_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA12E	12 Jun 2018	HA12_1.4_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.4_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA16E	12 Jun 2018	HA16_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_0.2_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA18E	12 Jun 2018	HA18_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA20E	13 Jun 2018	HA20_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.3_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA23E	13 Jun 2018	HA23_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_HA24E	13 Jun 2018	HA24_1.4_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_1.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.5_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_1.0_E	Normal	-	-	-	-	-	-
DU11	WSP2018_TP17E	10 Jul 2018	TP17_1.5_E	Normal	-	-	-	-	-	-

DU11 - 1b: Soil Analytical Results – Human Health Screening

					Haloethers				Multi-Residue Pesticides	Un-assigned
					4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	Irgarol	Paclobutrazol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.001	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand										
>=0m, <1m										
>=1m, <2m										
>=2m, <4m										
>=4m										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand										
>=0m, <2m										
>=2m, <4m										
>=4m										
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						47,000[#10]	2,500[#10]			11,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**						
DU11	**WSP2018_TP19E**	**10 Jul 2018**	**TP19_0.1_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP21E**	**10 Jul 2018**	**TP21_1.8_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP22E**	**10 Jul 2018**	**TP22_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP23E**	**10 Jul 2018**	**TP23_1.0_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP25E**	**10 Jul 2018**	**TP25_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_0.1_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP27E**	**11 Jul 2018**	**TP27_1.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP29E**	**11 Jul 2018**	**TP29_1.0_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP31E**	**11 Jul 2018**	**TP31_1.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP33E**	**11 Jul 2018**	**TP33_0.1_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP35E**	**11 Jul 2018**	**TP35_1.0_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP36E**	**11 Jul 2018**	**TP36_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_0.1_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP38E**	**11 Jul 2018**	**TP38_1.0_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_0.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2018_TP40E**	**11 Jul 2018**	**TP40_1.5_E**	**Normal**	-	-	-	-	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH01**	**16 Sep 2024**	**OG24_BH01_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH02**	**17 Sep 2024**	**OG24_BH02_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH03**	**17 Sep 2024**	**OG24_BH03_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH04**	**17 Sep 2024**	**OG24_BH04_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH05**	**17 Sep 2024**	**OG24_BH05_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH06**	**17 Sep 2024**	**OG24_BH06_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH07**	**17 Sep 2024**	**OG24_BH07_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH08**	**16 Sep 2024**	**OG24_BH08_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_BH09**	**16 Sep 2024**	**OG24_BH09_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_SVB52**	**11 Sep 2024**	**OG24_SVB52_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_SVB53**	**11 Sep 2024**	**OG24_SVB53_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_SVB55**	**11 Sep 2024**	**OG24_SVB55_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24_SVB56**	**11 Sep 2024**	**OG24_SVB56_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24-BH01**	**16 Sep 2024**	**OG24-BH01**	**Normal**	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH05**	**17 Sep 2024**	**OG24-BH05**	**Normal**	-	-	-	-	-	-
DU11	**WSP2025f_OG24-BH08**	**16 Sep 2024**	**OG24-BH08**	**Normal**	-	-	-	-	-	-
DU11	**WSP2025f_OG24-SVB50**	**16 Sep 2024**	**OG24-SVB50_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24-SVB51**	**16 Sep 2024**	**OG24-SVB51_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**WSP2025f_OG24-SVB54**	**16 Sep 2024**	**OG24-SVB54_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	-
DU11	**ZONE2_BH01**	**20 Jan 2025**	**Zone2_BH01_1.0-1.5**	**Normal**	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria

DU11 - 1b: Soil Analytical Results – Human Health Screening

	Haloethers				Multi-Residue Pesticides	Un-assigned
	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	kgarol	Paclobutrazol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.001	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						
>=0m, <1m						
>=1m, <2m						
>=2m, <4m						
>=4m						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand						
>=0m, <2m						
>=2m, <4m						
>=4m						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		47,000 #10	2,500 #10			11,000 #10

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#4 Guideline value for 'Chromium (VI)' adopted				

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-speci
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each ca
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposu
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	**BESS_CPT1**	**BESS_CPT01_0.30-0.35m_2**	**10 Feb 2025**	**Normal**	<10	<10	<50	<50	1,340	2,150	3,490	<10	<50	430	1,520	1,950	<5	<1	14	-
BESS	**BESS_CPT1**	**BESS_CPT01_0.35-1.30m_2**	**10 Feb 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	-
BESS	**BESS_TP01**	**BESS_TP01_1.5**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	-
BESS	**BESS_TP02**	**BESS_ TP02_1.2**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	-
BESS	**BESS_TP04**	**BESS_TP04_1.2**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	-
BESS	**BESS_TP06**	**BESS_TP06_ 0.6**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18	-
BESS	**BESS_TP07**	**BESS_TP07_0.7**	**20 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	-
BESS	**BESS_TP07**	**BESS_TP07_1.5**	**21 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	-
BESS	**BESS_TP08**	**BESS_TP08_0.7-0,9**	**20 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	-
BESS	**BESS_TP09**	**BESS_TP09_1.2**	**20 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	-
BESS	**BESS_TP09**	**BESS_TP09_1.6**	**20 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	-
BESS	**BESS_TP09**	**BESS_TP09_1.6-1.8_25012**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**BH01_4.0_OG**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	-
DU11	**WSP2018_BH01_OG**	**BH01_4.5_OG**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	240	200	440	-	-	-	-	-	<5	<1	2	-
DU11	**WSP2018_BH02_OG**	**BH02_4.0_OG**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_BH02_OG**	**BH02_4.5_OG**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_HA01E**	**HA01_0.1_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA01E**	**HA01_1.0_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	-
DU11	**WSP2018_HA02E**	**HA02_0.5_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA03E**	**HA03_0.8_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	8	-
DU11	**WSP2018_HA04E**	**HA04_0.1_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA05E**	**HA05_1.0_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	-
DU11	**WSP2018_HA06E**	**HA06_0.2_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	9	-
DU11	**WSP2018_HA06E**	**HA06_1.0_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA07E**	**HA07_0.5_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA08E**	**HA08_0.1_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**HA09_0.5_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA09E**	**HA09_2.0_E**	**04 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_HA10E**	**HA10_1.0_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**HA11_0.5_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA11E**	**HA11_1.5_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_HA12E**	**HA12_0.1_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA12E**	**HA12_1.4_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_HA13E**	**HA13_0.5_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA14E**	**HA14_0.1_E**	**12 Jun 2018**	**Normal**	<10	<10	180	180	560	590	1,330	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA15E**	**HA15_0.1_E**	**12 Jun 2018**	**Normal**	<10	<10	190	190	640	720	1,550	-	-	-	-	-	<5	<1	13	-
DU11	**WSP2018_HA15E**	**HA15_1.4_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA16E**	**HA16_1.0_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**HA17_0.2_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA17E**	**HA17_1.5_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_HA18E**	**HA18_0.5_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA18E**	**HA18_1.0_E**	**12 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_HA19E**	**HA19_0.5_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA20E**	**HA20_0.1_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	**WSP2018_HA20E**	**HA20_1.0_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-
DU11	**WSP2018_HA21E**	**HA21_0.5_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**HA22_0.1_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA22E**	**HA22_1.3_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	-
DU11	**WSP2018_HA23E**	**HA23_1.0_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**HA24_0.1_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	140	180	320	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_HA24E**	**HA24_1.4_E**	**13 Jun 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	-
DU11	**WSP2018_TP01E**	**TP01_0.1_E**	**09 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP03E**	**TP03_0.1_E**	**09 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP03E**	**TP03_0.5_E**	**09 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	4	-
DU11	**WSP2018_TP05E**	**TP05_0.1_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	100	110	210	<10	-	-	-	<50	6	<1	24	-
DU11	**WSP2018_TP07E**	**TP07_0.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP07E**	**TP07_1.0_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	<2	-
DU11	**WSP2018_TP09E**	**TP09_0.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	480	260	740	<10	-	-	-	560	6	<1	43	-
DU11	**WSP2018_TP09E**	**TP09_1.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP11E**	**TP11_0.1_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP13E**	**TP13_0.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	<2	-
DU11	**WSP2018_TP13E**	**TP13_1.0_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP14E**	**TP14_1.0_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP15E**	**TP15_0.1_E**	**09 Jul 2018**	**Normal**	<10	<10	<50	<50	360	210	570	<10	-	-	-	450	<5	<1	38	-
DU11	**WSP2018_TP16E**	**TP16_1.0_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP17E**	**TP17_1.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	2,400	290	2,690	<10	-	-	-	2,570	-	-	-	-
DU11	**WSP2018_TP19E**	**TP19_0.1_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	22	-
DU11	**WSP2018_TP21E**	**TP21_0.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP21E**	**TP21_1.8_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	6	-
DU11	**WSP2018_TP22E**	**TP22_0.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP23E**	**TP23_0.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP23E**	**TP23_1.0_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP25E**	**TP25_0.5_E**	**10 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	13	-
DU11	**WSP2018_TP27E**	**TP27_0.1_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	330	130	460	<10	-	-	-	390	18	<1	166	-
DU11	**WSP2018_TP27E**	**TP27_1.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP29E**	**TP29_0.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP29E**	**TP29_1.0_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP31E**	**TP31_0.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	2	-
DU11	**WSP2018_TP31E**	**TP31_1.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP33E**	**TP33_0.1_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	100	<100	100	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP35E**	**TP35_0.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	<2	-
DU11	**WSP2018_TP35E**	**TP35_1.0_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP36E**	**TP36_0.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP38E**	**TP38_0.1_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	19	<1	15	-
DU11	**WSP2018_TP38E**	**TP38_1.0_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP40E**	**TP40_0.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	-	-	-	-
DU11	**WSP2018_TP40E**	**TP40_1.5_E**	**11 Jul 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	-	-	-	<50	<5	<1	3	-
ZONE2	**ZONE2_BH01**	**Zone2 _BH01_1.0-1.5**	**20 Jan 2025**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Chromium (hexavalent)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil	700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)	**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)	*82,000*			*62,000*	*85,000*	*120,000*										

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals						Monocyclic Aromatic Hydrocarbons									
					Chromium (trivalent)	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**430**	**99,000**	**27,000**			**81,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)											*1,100*	*120,000*	*85,000*			*130,000*				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	**BESS_CPT1**	**BESS_CPT01_0.30-0.35m_2**	**10 Feb 2025**	**Normal**	-	104	6	<0.1	15	89	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_CPT1**	**BESS_CPT01_0.35-1.30m_2**	**10 Feb 2025**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP01**	**BESS_TP01_1.5**	**21 Jan 2025**	**Normal**	-	10	10	0.1	2	73	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP02**	**BESS_ TP02_1.2**	**21 Jan 2025**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP04**	**BESS_TP04_1.2**	**21 Jan 2025**	**Normal**	-	7	14	<0.1	<2	107	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP06**	**BESS_TP06_ 0.6**	**21 Jan 2025**	**Normal**	-	156	94	<0.1	10	906	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP07**	**BESS_TP07_0.7**	**20 Jan 2025**	**Normal**	-	17	10	0.1	8	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP07**	**BESS_TP07_1.5**	**21 Jan 2025**	**Normal**	-	6	7	<0.1	<2	45	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP08**	**BESS_TP08_0.7-0,9**	**20 Jan 2025**	**Normal**	-	<5	<5	<0.1	<2	9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP09**	**BESS_TP09_1.2**	**20 Jan 2025**	**Normal**	-	6	22	<0.1	189	20	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP09**	**BESS_TP09_1.6**	**20 Jan 2025**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
BESS	**BESS_TP09**	**BESS_TP09_1.6-1.8_25012**	**20 Jan 2025**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	**WSP2018_BH01_OG**	**BH01_4.0_OG**	**13 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_BH01_OG**	**BH01_4.5_OG**	**13 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_BH02_OG**	**BH02_4.0_OG**	**13 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_BH02_OG**	**BH02_4.5_OG**	**13 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA01E**	**HA01_0.1_E**	**04 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA01E**	**HA01_1.0_E**	**04 Jun 2018**	**Normal**	-	<5	<5	0.2	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA02E**	**HA02_0.5_E**	**04 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA03E**	**HA03_0.8_E**	**04 Jun 2018**	**Normal**	-	63	25	<0.1	7	116	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA04E**	**HA04_0.1_E**	**04 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA05E**	**HA05_1.0_E**	**04 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA06E**	**HA06_0.2_E**	**04 Jun 2018**	**Normal**	-	6	6	<0.1	3	13	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA06E**	**HA06_1.0_E**	**04 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA07E**	**HA07_0.5_E**	**04 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA08E**	**HA08_0.1_E**	**04 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA09E**	**HA09_0.5_E**	**04 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA09E**	**HA09_2.0_E**	**04 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA10E**	**HA10_1.0_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA11E**	**HA11_0.5_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA11E**	**HA11_1.5_E**	**12 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA12E**	**HA12_0.1_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA12E**	**HA12_1.4_E**	**12 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA13E**	**HA13_0.5_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA14E**	**HA14_0.1_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA15E**	**HA15_0.1_E**	**12 Jun 2018**	**Normal**	-	12	8	<0.1	13	27	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA15E**	**HA15_1.4_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA16E**	**HA16_1.0_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA17E**	**HA17_0.2_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA17E**	**HA17_1.5_E**	**12 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA18E**	**HA18_0.5_E**	**12 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA18E**	**HA18_1.0_E**	**12 Jun 2018**	**Normal**	-	785	<5	<0.1	57	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA19E**	**HA19_0.5_E**	**13 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA20E**	**HA20_0.1_E**	**13 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals						Monocyclic Aromatic Hydrocarbons									
					Chromium (trivalent)	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					5	1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**430**	**99,000**	**27,000**			**81,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)											*1,100*	*120,000*	*85,000*			*130,000*				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	**WSP2018_HA20E**	**HA20_1.0_E**	**13 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA21E**	**HA21_0.5_E**	**13 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA22E**	**HA22_0.1_E**	**13 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA22E**	**HA22_1.3_E**	**13 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA23E**	**HA23_1.0_E**	**13 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA24E**	**HA24_0.1_E**	**13 Jun 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_HA24E**	**HA24_1.4_E**	**13 Jun 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP01E**	**TP01_0.1_E**	**09 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP03E**	**TP03_0.1_E**	**09 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP03E**	**TP03_0.5_E**	**09 Jul 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP05E**	**TP05_0.1_E**	**10 Jul 2018**	**Normal**	-	158	141	19.1	14	836	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP07E**	**TP07_0.5_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP07E**	**TP07_1.0_E**	**10 Jul 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP09E**	**TP09_0.5_E**	**10 Jul 2018**	**Normal**	-	132	58	0.2	59	535	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP09E**	**TP09_1.5_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP11E**	**TP11_0.1_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP13E**	**TP13_0.5_E**	**10 Jul 2018**	**Normal**	-	<5	<5	<0.1	<2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP13E**	**TP13_1.0_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP14E**	**TP14_1.0_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP15E**	**TP15_0.1_E**	**09 Jul 2018**	**Normal**	-	139	97	1.7	24	1,190	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP16E**	**TP16_1.0_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP17E**	**TP17_1.5_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP19E**	**TP19_0.1_E**	**10 Jul 2018**	**Normal**	-	29	20	<0.1	54	267	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP21E**	**TP21_0.5_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP21E**	**TP21_1.8_E**	**10 Jul 2018**	**Normal**	-	<5	<5	<0.1	<2	8	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP22E**	**TP22_0.5_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP23E**	**TP23_0.5_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP23E**	**TP23_1.0_E**	**10 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP25E**	**TP25_0.5_E**	**10 Jul 2018**	**Normal**	-	28	24	<0.1	9	70	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP27E**	**TP27_0.1_E**	**11 Jul 2018**	**Normal**	-	102	133	1.8	79	1,080	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP27E**	**TP27_1.5_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP29E**	**TP29_0.5_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP29E**	**TP29_1.0_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP31E**	**TP31_0.5_E**	**11 Jul 2018**	**Normal**	-	<5	18	<0.1	<2	15	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP31E**	**TP31_1.5_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP33E**	**TP33_0.1_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP35E**	**TP35_0.5_E**	**11 Jul 2018**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP35E**	**TP35_1.0_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP36E**	**TP36_0.5_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP38E**	**TP38_0.1_E**	**11 Jul 2018**	**Normal**	-	16	12	<0.1	11	71	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP38E**	**TP38_1.0_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP40E**	**TP40_0.5_E**	**11 Jul 2018**	**Normal**	-	-	-	-	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
DU11	**WSP2018_TP40E**	**TP40_1.5_E**	**11 Jul 2018**	**Normal**	-	11	24	<0.1	<2	147	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-
ZONE2	**ZONE2_BH01**	**Zone2 _BH01_1.0-1.5**	**20 Jan 2025**	**Normal**	-	<5	<5	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Metals						Monocyclic Aromatic Hydrocarbons									
	Chromium (trivalent)	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	5	1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**430**	**99,000**	**27,000**			**81,000**				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*1,100*	*120,000*	*85,000*			*130,000*				

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	1	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**11,000**									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*29,000*													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	1	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)											**11,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*29,000*												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	<0.5
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	<0.2	<1	0.6	<0.5	1.2	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	1-Chloronaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	1	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							**11,000**									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)			*29,000*													

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons														
					Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.5	0.5	1	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons															
					Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.5	0.5	1	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	<0.5	0.6	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Polynuclear Aromatic Hydrocarbons															
	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Dibenz(a,j)acridine
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.5	0.5	1	0.5	0.5	0.05		0.1	0.1	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Cyanides	Phenolic Compounds													
					Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Cyanides	Phenolic Compounds													
					Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	<0.5	-	<1	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

		Cyanides	Phenolic Compounds													
	Sum of PAHs	Cyanide Total	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.4	0.5	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

												Other	Acid Sulphate Soils - Liming Rate	NA			CRS	
				2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Triazophos	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Sum of 16 US EPA Priority PAHs	Cyprodinil	pHF	pHFOX (field peroxide test)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg	mg/kg	pH Units	pH Units
EQL				0.5	5	20	5	10	10	1	20		0.001	1	0.005	0.5	0.002	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	4.7
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

												Other	Acid Sulphate Soils - Liming Rate	NA			CRS	
						2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Triazophos	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Sum of 16 US EPA Priority PAHs	Cyprodinil	pHF	pHFOX (field peroxide test)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg	mg/kg	pH Units	pH Units
EQL						0.5	5	20	5	10	10	1	20		0.001	1	0.005	0.5	0.002	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										Other	Acid Sulphate Soils - Liming Rate	NA			CRS	
	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Phenols	Triazophos	CRS Suite - Liming Rate - NASSG (Excluding ANC)_	Pyrimethanil_	Sum of 16 US EPA Priority PAHs	Cyprodinil	pHF	pHFOX (field peroxide test)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	KG CACO3/T	mg/kg	mg/kg	mg/kg	pH Units	pH Units
EQL	0.5	5	20	5	10	10	1	20		0.001	1	0.005	0.5	0.002	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Retained Acidity					CRS-Acid Base Accounting		
					Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
					Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	%S	mole H+/t	% S	%S	%S	moles H+/t	mg/kg
EQL					0		0.1	0.1	2	0.02	0.005	3	0.02	0.02	10	0.02	0.02	0.02	10	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Retained Acidity					CRS-Acid Base Accounting		
	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	%S	mole H+/t	% S	%S	%S	moles H+/t	mg/kg
EQL	0		0.1	0.1	2	0.02	0.005	3	0.02	0.02	10	0.02	0.02	0.02	10	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type															
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	-ph		pH		CRS-Actual Acidity		CRS-Potential Acidity		CRS-Retained Acidity					CRS-Acid Base Accounting		
	Reaction Rate	pH Delta (pHF-pHFox)	pH (F)	pH (Fox)	Titratable Actual Acidity	sulfidic - Titratable Actual Acidity	Chromium Reducible Sulfur	Acidity - Chromium Reducible Sulphur	Net Acid Soluble Sulfur	Net Acid Soluble Sulfur (sulfur units)	Net Acid Soluble Sulfur (acidity units)	KCl Extractable Sulfur	HCl Extractable Sulfur	Net Acidity (sulfur units)	Net Acidity (acidity units)	Total PCBs
	Unit	pH Units	pH units	pH units	mole H+/t	% pyrite S	%S	mole H+/t	%S	%S	mole H+/t	% S	%S	%S	moles H+/t	mg/kg
EQL	0		0.1	0.1	2	0.02	0.005	3	0.02	0.02	10	0.02	0.02	0.02	10	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Polychlorinated Biphenyls								Chlorinated Hydrocarbons						Sulfonated Compounds	
					Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Polychlorinated Biphenyls								Chlorinated Hydrocarbons						Sulfonated Compounds	
					Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Polychlorinated Biphenyls								Chlorinated Hydrocarbons						Sulfonated Compounds	
	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.005	0.005	0.002	0.002	0.2	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.2	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.2	0.005	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)														
					Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.2	0.005	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Organophosphorus Pesticides (OP)															
	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.002	0.05	0.004	0.01	0.2	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.2	0.005	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.02	0.05	0.05	0.1	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.02	0.05	0.05	0.1	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.02	0.05	0.05	0.1	0.005	0.001	0.2	0.2	0.002	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Organochlorine Pesticides (OC)															
	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Halogenated Aromatic Compounds						
					Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Halogenated Aromatic Compounds					
					Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Halogenated Aromatic Compounds									
	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Benzyl chloride	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3,4-Tetrachlorobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																	

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	<0.5	<0.5	-	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	1,2,3,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds															
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds														
					cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Halogenated Aliphatic Compounds															
	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

									Trihalomethanes				Fumigants					Phthalat	
					Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

									Trihalomethanes				Fumigants					Phthalat	
					Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Trihalomethanes				Fumigants					Phthalat		
	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					e Esters			Nitrosamines				Nitroaromatics and Ketones								
					Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					e Esters			Nitrosamines				Nitroaromatics and Ketones								
					Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	e Esters			Nitrosamines				Nitroaromatics and Ketones								
	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Diphenylamine	N-Nitrosodibutylamine	N-Nitrosodipropylamine	N-Nitrosopiperidine	1-Naphthylamine	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Naphthylamine	2-Picoline	4-Aminobiphenyl	Acetophenone	Dimethylaminoazobenzene	Nitrobenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Oxygenated Compounds			Physio-Chemical Parameters	Acid Sulphate Soils			Phenoxyacetic Acid Herbicides						
						Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	CRS Suite - Net Acidity - NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.1	10	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	27.3	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	28.2	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	7.0	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	5.1	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	21.1	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	10.8	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	21.5	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	9.4	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	15.4	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	39.4	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	11.1	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Oxygenated Compounds			Physio-Chemical Parameters	Acid Sulphate Soils			Phenoxyacetic Acid Herbicides					
						Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	CRS Suite - Net Acidity - NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.1	10	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																		
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**														
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	22.0	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

			Oxygenated Compounds			Physio-Chemical Parameters	Acid Sulphate Soils			Phenoxyacetic Acid Herbicides						
	Pentachloronitrobenzene	Pronamide	2-Propanone (Acetone)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	CRS Suite - Net Acidity - NASSG (Excluding ANC)	Net Acidity (Sulfur Units) - CRS Suite	s-CRS Suite - Net Acidity - NASSG (Excluding ANC)	2,4,5-TP (Silvex)	4-Chlorophenoxy acetic acid	Clopyralid	Dicamba	Fluroxypyr	Mecoprop	Picloram
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	MOL H+/T	% S	% S	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.1	10	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Benzidine	SPOCAS			Carbamates	Fungicides										
					Triclopyr	3,3-Dichlorobenzidine	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid
					mg/kg	mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.5	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Benzidine	SPOCAS			Carbamates	Fungicides								
					Triclopyr	3,3-Dichlorobenzidine	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid
					mg/kg	mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.5	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

		Benzidine	SPOCAS			Carbamates	Fungicides									
	Triclopyr	3,3-Dichlorobenzidine	pH KCl	Liming Rate	ANC Fineness Factor	Methiocarb	Benomyl	Cyproconazole	Fenarimol	Flusilazole (NuStar)	Hexaconazole	Propiconazole	Tebuconazole	2,4,5-Trichlorophenoxy acetic acid	2,4-Dichlorprop	2,4-Dichlorophenoxy acetic acid
	mg/kg	mg/kg	pH Units	kg CaCO3/t	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.5	0.1	1	0.5	0.002	0.005	0.004	0.005	0.004	0.004	0.01	0.002	0.02	0.02	0.02
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Herbicides														
					4-(2,4-Dichlorophenoxylbutyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Herbicides														
					4-(2,4-Dichlorophenoxylbutyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	Herbicides															
	4-(2,4-Dichlorophenoxylbutyric Acid (2,4-DB)	Ametryn	Cyanazine	Fluometuron	Hexazinone	2-Methyl-4-chlorophenoxyacetic acid	Metolachlor	Metribuzin	Molinate	Prometryn	Propazine	2-Methyl-4-Chlorophenoxy Butanoic Acid	Bromacil	Diuron	Tebuthiuron	Terbutryn
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.002	0.005	0.002	0.004	0.02	0.002	0.004	0.02	0.002	0.002	0.02	0.005	0.005	0.005	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Pesticides									Anilines				Haloethers		
					Thiobencarb	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	1	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Pesticides									Anilines				Haloethers		
					Thiobencarb	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	1	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

		Pesticides								Anilines				Haloethers		
	Thiobencarb	3-Hydroxy Carbofuran	Bendiocarb	Carbaryl	Aldicarb	Carbofuran	Methomyl	Oxamyl	Thiodicarb	2-Nitroaniline	Aniline	Dibenzofuran	Trifluralin	4-Bromophenyl phenyl ether	Bis(2-chloroisopropyl)ether	Bis(2-chloroethoxy) methane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.002	0.005	1	0.002	0.01	0.002	0.002	0.002	0.002	1	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Multi-Residue Pesticides	Un-assigned
					4-Chlorophenyl phenyl ether	Irgarol	Paclobutrazol
					mg/kg	mg/kg	mg/kg
EQL					0.5	0.001	0.01
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**			
BESS	BESS_CPT1	BESS_CPT01_0.30-0.35m_2	10 Feb 2025	Normal	-	-	-
BESS	BESS_CPT1	BESS_CPT01_0.35-1.30m_2	10 Feb 2025	Normal	-	-	-
BESS	BESS_TP01	BESS_TP01_1.5	21 Jan 2025	Normal	-	-	-
BESS	BESS_TP02	BESS_ TP02_1.2	21 Jan 2025	Normal	-	-	-
BESS	BESS_TP04	BESS_TP04_1.2	21 Jan 2025	Normal	-	-	-
BESS	BESS_TP06	BESS_TP06_ 0.6	21 Jan 2025	Normal	-	-	-
BESS	BESS_TP07	BESS_TP07_0.7	20 Jan 2025	Normal	-	-	-
BESS	BESS_TP07	BESS_TP07_1.5	21 Jan 2025	Normal	-	-	-
BESS	BESS_TP08	BESS_TP08_0.7-0,9	20 Jan 2025	Normal	-	-	-
BESS	BESS_TP09	BESS_TP09_1.2	20 Jan 2025	Normal	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6	20 Jan 2025	Normal	-	-	-
BESS	BESS_TP09	BESS_TP09_1.6-1.8_25012(	20 Jan 2025	Normal	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.0_OG	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_BH01_OG	BH01_4.5_OG	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.0_OG	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_BH02_OG	BH02_4.5_OG	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA01E	HA01_0.1_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA01E	HA01_1.0_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA02E	HA02_0.5_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA03E	HA03_0.8_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA04E	HA04_0.1_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA05E	HA05_1.0_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA06E	HA06_0.2_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA06E	HA06_1.0_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA07E	HA07_0.5_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA08E	HA08_0.1_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA09E	HA09_0.5_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA09E	HA09_2.0_E	04 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA10E	HA10_1.0_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA11E	HA11_0.5_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA11E	HA11_1.5_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA12E	HA12_0.1_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA12E	HA12_1.4_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA13E	HA13_0.5_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA14E	HA14_0.1_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA15E	HA15_0.1_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA15E	HA15_1.4_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA16E	HA16_1.0_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA17E	HA17_0.2_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA17E	HA17_1.5_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA18E	HA18_0.5_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA18E	HA18_1.0_E	12 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA19E	HA19_0.5_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA20E	HA20_0.1_E	13 Jun 2018	Normal	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Multi-Residue Pesticides	Un-assigned
					4-Chlorophenyl phenyl ether	Irgarol	Paclobutrazol
					mg/kg	mg/kg	mg/kg
EQL					0.5	0.001	0.01
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**			
DU11	WSP2018_HA20E	HA20_1.0_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA21E	HA21_0.5_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA22E	HA22_0.1_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA22E	HA22_1.3_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA23E	HA23_1.0_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA24E	HA24_0.1_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_HA24E	HA24_1.4_E	13 Jun 2018	Normal	-	-	-
DU11	WSP2018_TP01E	TP01_0.1_E	09 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP03E	TP03_0.1_E	09 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP03E	TP03_0.5_E	09 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP05E	TP05_0.1_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP07E	TP07_0.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP07E	TP07_1.0_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP09E	TP09_0.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP09E	TP09_1.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP11E	TP11_0.1_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP13E	TP13_0.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP13E	TP13_1.0_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP14E	TP14_1.0_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP15E	TP15_0.1_E	09 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP16E	TP16_1.0_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP17E	TP17_1.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP19E	TP19_0.1_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP21E	TP21_0.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP21E	TP21_1.8_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP22E	TP22_0.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP23E	TP23_0.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP23E	TP23_1.0_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP25E	TP25_0.5_E	10 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP27E	TP27_0.1_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP27E	TP27_1.5_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP29E	TP29_0.5_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP29E	TP29_1.0_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP31E	TP31_0.5_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP31E	TP31_1.5_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP33E	TP33_0.1_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP35E	TP35_0.5_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP35E	TP35_1.0_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP36E	TP36_0.5_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP38E	TP38_0.1_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP38E	TP38_1.0_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP40E	TP40_0.5_E	11 Jul 2018	Normal	-	-	-
DU11	WSP2018_TP40E	TP40_1.5_E	11 Jul 2018	Normal	-	-	-
ZONE2	ZONE2_BH01	Zone2 _BH01_1.0-1.5	20 Jan 2025	Normal	-	-	-

DU11 - 1c: Soil Analytical Results – Direct Contact and Management Screening

		Multi-Residue Pesticides	Un-assigned
	4-Chlorophenyl phenyl ether	Irgarol	Paclobutrazol
	mg/kg	mg/kg	mg/kg
EQL	0.5	0.001	0.01
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)			

Monitoring Zone	Location Code	Field ID	Date	Sample Type

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU11 - 1d: Soil Analytical Results – PFAS Screening

																					Per- and Poly-fluoroalkyl Substances	
					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]							50						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
BESS	**BESS_TP01**	**21 Jan 2025**	**BESS_TP01_1.5**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP02**	**21 Jan 2025**	**BESS_ TP02_1.2**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP04**	**21 Jan 2025**	**BESS_TP04_1.2**	**Normal**	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP06**	**21 Jan 2025**	**BESS_TP06_ 0.6**	**Normal**	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP07**	**20 Jan 2025**	**BESS_TP07_0.7**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP07**	**21 Jan 2025**	**BESS_TP07_1.5**	**Normal**	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP08**	**20 Jan 2025**	**BESS_TP08_0.7-0,9**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP09**	**20 Jan 2025**	**BESS_TP09_1.2**	**Normal**	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
BESS	**BESS_TP09**	**20 Jan 2025**	**BESS_TP09_1.6**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-
ZONE3	**ZONE3_BH02**	**03 Feb 2025**	**ZONE3_BH02_0.0_202502**	**Normal**	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005
ZONE3	**ZONE3_BH02**	**03 Feb 2025**	**ZONE3_BH02_0.4_202502**	**Normal**	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU11 - 1d: Soil Analytical Results – PFAS Screening

					Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)	Sum of US EPA PFAS (PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial																20				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
BESS	**BESS_TP01**	**21 Jan 2025**	**BESS_TP01_1.5**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
BESS	**BESS_TP02**	**21 Jan 2025**	**BESS_ TP02_1.2**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
BESS	**BESS_TP04**	**21 Jan 2025**	**BESS_TP04_1.2**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-	-
BESS	**BESS_TP06**	**21 Jan 2025**	**BESS_TP06_ 0.6**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-	-
BESS	**BESS_TP07**	**20 Jan 2025**	**BESS_TP07_0.7**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
BESS	**BESS_TP07**	**21 Jan 2025**	**BESS_TP07_1.5**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-	-
BESS	**BESS_TP08**	**20 Jan 2025**	**BESS_TP08_0.7-0,9**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
BESS	**BESS_TP09**	**20 Jan 2025**	**BESS_TP09_1.2**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0005	-	-
BESS	**BESS_TP09**	**20 Jan 2025**	**BESS_TP09_1.6**	**Normal**	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-	-
ZONE3	**ZONE3_BH02**	**03 Feb 2025**	**ZONE3_BH02_0.0_20250203**	**Normal**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	-	-
ZONE3	**ZONE3_BH02**	**03 Feb 2025**	**ZONE3_BH02_0.4_20250203**	**Normal**	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0002	-	-

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU11 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos							
					Asbestos Detected	Asbestos Type	FA and AF Estimation	Fibres Identified		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)
					-	g/kg	g	%ww	g/kg	% w/w	% (w/w)	g/kg
EQL						20						
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial										0.05	0.001	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
BESS	BESS_TP01	21 Jan 2025	BESS_TP01_1.2-1.8_25012	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
BESS	BESS_TP03	21 Jan 2025	BESS_TP03_0.0-0.30_2501	Normal	0	-	0.0009	-	-	<0.01	<0.001	<0.1
BESS	BESS_TP03	21 Jan 2025	BESS_TP03_0.3-0.45_2501	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
BESS	BESS_TP04	21 Jan 2025	BESS_TP04_0.6-0.9_25012	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
BESS	BESS_TP06	21 Jan 2025	BESS_TP06_0.5-0.8_25012	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
BESS	BESS_TP07	20 Jan 2025	BESS_TP07_0.3-0.9_25012	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
DU11	WSP2018_HA01E	04 Jun 2018	HA01_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA03E	04 Jun 2018	HA03_0.5_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA06E	04 Jun 2018	HA06_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA08E	04 Jun 2018	HA08_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA11E	12 Jun 2018	HA11_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA13E	12 Jun 2018	HA13_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA14E	12 Jun 2018	HA14_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA15E	12 Jun 2018	HA15_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA17E	12 Jun 2018	HA17_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA19E	13 Jun 2018	HA19_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA21E	13 Jun 2018	HA21_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_HA22E	13 Jun 2018	HA22_1.0_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP01E	09 Jul 2018	TP01_0.1_E	Normal	1	-	-	0.005	-	-	-	-
DU11	WSP2018_TP03E	09 Jul 2018	TP03_0.1_E	Normal	1	-	-	0.001	-	-	-	-
DU11	WSP2018_TP05E	10 Jul 2018	TP05_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP07E	10 Jul 2018	TP07_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP09E	10 Jul 2018	TP09_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP11E	10 Jul 2018	TP11_0.5_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP13E	10 Jul 2018	TP13_0.1_E	Normal	1	-	-	0.005	-	-	-	-
DU11	WSP2018_TP14E	10 Jul 2018	TP14_0.5_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP15E	09 Jul 2018	TP15_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP16E	10 Jul 2018	TP16_0.5_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP19E	10 Jul 2018	TP19_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP21E	10 Jul 2018	TP21_0.1_E	Normal	1	-	-	0.002	-	-	-	-
DU11	WSP2018_TP22E	10 Jul 2018	TP22_0.5_E	Normal	1	-	-	0.002	-	-	-	-
DU11	WSP2018_TP23E	10 Jul 2018	TP23_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP25E	10 Jul 2018	TP25_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP27E	11 Jul 2018	TP27_0.1_E	Normal	1	-	-	0.006	-	-	-	-
DU11	WSP2018_TP29E	11 Jul 2018	TP29_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP29E	11 Jul 2018	TP29_1.5_E	Normal	1	-	-	0.004	-	-	-	-
DU11	WSP2018_TP31E	11 Jul 2018	TP31_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP33E	11 Jul 2018	TP33_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP35E	11 Jul 2018	TP35_0.1_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP36E	11 Jul 2018	TP36_0.5_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP38E	11 Jul 2018	TP38_0.5_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2018_TP40E	11 Jul 2018	TP40_0.5_E	Normal	0	-	-	<0.001	-	-	-	-
DU11	WSP2025f_BESS_TP01	21 Jan 2025	BESS_TP01_1.2-1.8_25012	Normal	-	<0.1	0	-	0	<0.01	<0.001	-
DU11	WSP2025f_BESS_TP03	21 Jan 2025	BESS_TP03_0.0-0.30_2501	Normal	-	<0.1	0.0009	-	0	<0.01	<0.001	-
DU11	WSP2025f_BESS_TP03	21 Jan 2025	BESS_TP03_0.3-0.45_2501	Normal	-	<0.1	0	-	0	<0.01	<0.001	-
DU11	WSP2025f_BESS_TP04	21 Jan 2025	BESS_TP04_0.6-0.9_25012	Normal	-	<0.1	0	-	0	<0.01	<0.001	-
DU11	WSP2025f_BESS_TP06	21 Jan 2025	BESS_TP06_0.5-0.8_25012	Normal	-	<0.1	0	-	0	<0.01	<0.001	-
DU11	WSP2025f_BESS_TP07	20 Jan 2025	BESS_TP07_0.3-0.9_25012	Normal	-	<0.1	0	-	0	<0.01	<0.001	-
ZONE3	ZONE3_BH01	31 Jan 2025	Zone3_BH01_FillA_250131	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH01	31 Jan 2025	Zone3_BH01_FillB_250131	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH02	03 Feb 2025	Zone3_BH02_0.0_250203	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH04	03 Feb 2025	Zone3_BH04_0.0_250203	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH04	03 Feb 2025	Zone3_BH04_0.2_250203	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH05	04 Feb 2025	ZONE3_BH05_0.05m_2502	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH06	04 Feb 2025	ZONE3_BH06_0.0m_25020	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH07	12 Feb 2025	Zone3_BH07_0.0m_25021	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_BH07	12 Feb 2025	Zone3_BH07_0.2m_25021	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_CPT2	05 Feb 2025	Zone3_CTP2_0.0_250205	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_CPT3	06 Feb 2025	ZONE3_CPT03_0.4m_2502	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_CPT3	06 Feb 2025	ZONE3_CPT03_0m_250206	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1
ZONE3	ZONE3_CPT5	04 Feb 2025	ZONE3_CPT05_0.0m_2502	Normal	0	-	0[#1]	-	-	<0.01	<0.001	<0.1

Comments
#1 –

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU12 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons		Metals								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						260 | 370 | 630 | NL [#1#2]	NL | NL | NL | NL [#2]														3 | 3 | 3 | 3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand						**NL | NL | NL**	**NL | NL | NL**															**77 | 160 | NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)														3	100		47,000	800	46	17,000	350,000	5.1
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU12	WSP2018_BH01B	BH01_1.5_B	06 Nov 2018	Normal	12	12	520	520	2,190	<100	2,710	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH01B	BH01_2.0_B	06 Nov 2018	Normal	32	32	690	690	2,360	<100	3,050	-	-	<5	<1	18	107	36	0.4	16	437	<0.2
DU12	WSP2018_BH02B	BH02_0.5_B	06 Nov 2018	Normal	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH02B	BH02_1.5_B	06 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH03B	BH03_1.5_B	06 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	3	<5	<5	<0.1	2	5	<0.2
DU12	WSP2018_BH04B	BH04_0.7_B	08 Nov 2018	Normal	<10	<10	<50	<50	240	<100	240	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH04B	BH04_1.5_B	08 Nov 2018	Normal	<10	<10	400	400	820	<100	1,220	-	-	<5	<1	10	18	13	0.6	8	192	<0.2
DU12	WSP2018_BH05B	BH05_0.7_B	08 Nov 2018	Normal	<10	<10	<50	<50	200	<100	200	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH05B	BH05_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH06B	BH06_1.5_B	08 Nov 2018	Normal	24	24	90	90	<100	<100	90	-	-	<5	<1	3	<5	<5	<0.1	3	22	<0.2
DU12	WSP2018_BH07B	BH07_0.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH08B	BH08_1.5_B	08 Nov 2018	Normal	65	65	<50	<50	240	<100	240	-	-	<5	<1	9	6	10	0.2	8	106	<0.2
DU12	WSP2018_BH09B	BH09_0.7_B	08 Nov 2018	Normal	<10	<10	<50	<50	320	<100	320	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH10B	BH10_2.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	590	150	740	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH11B	BH11_1.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	340	<100	340	-	-	<5	<1	5	12	7	0.2	7	76	<0.2
DU12	WSP2018_BH12B	BH12_1.0_B	08 Nov 2018	Normal	<10	<10	270	270	790	<100	1,060	-	-	<5	<1	14	27	28	0.9	14	228	<0.2
DU12	WSP2018_BH12B	BH12_1.5_B	08 Nov 2018	Normal	17	17	2,010	2,010	2,470	<100	4,480	-	-	<5	<1	15	24	18	0.4	13	227	<0.2
DU12	WSP2018_BH13B	BH13_0.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	240	<100	240	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH13B	BH13_1.5_B	08 Nov 2018	Normal	553	546	4,810	4,820	830	<100	5,650	-	-	<5	<1	7	9	10	0.5	6	64	<0.2
DU12	WSP2018_BH14B	BH14_1.5_B	08 Nov 2018	Normal	517	517	10,600	10,600	19,900	3,080	33,600	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH15B	BH15_0.5_B	08 Nov 2018	Normal	-	-	80	80	280	<100	360	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH16B	BH16_1.5_B	08 Nov 2018	Normal	633	633	5,560	5,560	2,890	<100	8,450	-	-	<5	<1	13	32	32	0.8	13	330	<0.2
DU12	WSP2018_BH17B	BH17_1.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH18B	BH18_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH19B	BH19_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	13	12	8	0.2	16	78	<0.2
DU12	WSP2018_BH20B	BH20_1.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_BH20B	BH20_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP01B	TP01_0.1_B	23 May 2017	Normal	<10	<10	190	190	1,110	<100	1,300	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP01B	TP01_1.0_B	23 May 2017	Normal	308	308	430	430	1,140	<100	1,570	-	-	<5	<1	5	21	5	0.1	5	54	<0.2
DU12	WSP2018_TP01C	TP01_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP02B	TP02_1.0_B	23 May 2017	Normal	305	305	2,700	2,730	3,460	<100	6,190	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP02B	TP02_2.0_B	23 May 2017	Normal	51	51	560	560	960	<100	1,520	-	-	<5	<1	<2	<5	<5	<0.1	<2	<5	<0.2
DU12	WSP2018_TP02C	TP02_1.0_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP03B	TP03_0.5_B	23 May 2017	Normal	507	462	<50	<50	<100	<100	<50	-	-	<5	<1	<2	<5	<5	<0.1	2	17	<0.2
DU12	WSP2018_TP03C	TP03_0.5_C	17 May 2017	Normal	1,180	1,170	740	740	1,520	<100	2,260	-	-	<5	<1	<2	<5	<5	<0.1	<2	56	<0.2
DU12	WSP2018_TP03C	TP03_1.5_C	17 May 2017	Normal	516	492	620	620	1,230	<100	1,850	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP04B	TP04_0.5_B	23 May 2017	Normal	<10	<10	300	300	660	<100	960	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP04C	TP04_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	370	<100	370	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP04C	TP04_1.5_C	17 May 2017	Normal	94	94	70	70	140	<100	210	-	-	<5	<1	<2	<5	<5	<0.1	<2	46	<0.2
DU12	WSP2018_TP05B	TP05_0.5_B	23 May 2017	Normal	643	643	580	580	520	<100	1,100	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP05B	TP05_1.5_B	23 May 2017	Normal	313	313	630	630	270	<100	900	-	-	<5	<1	8	23	13	0.4	11	64	<0.2
DU12	WSP2018_TP05C	TP05_0.5_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP06B	TP06_2.0_B	23 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	10	9	12	0.7	7	133	<0.2
DU12	WSP2018_TP06C	TP06_0.5_C	17 May 2017	Normal	1,140	1,140	820	820	320	<100	1,140	-	-	<5	<1	4	8	8	0.4	3	64	<0.2
DU12	WSP2018_TP07B	TP07_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	250	<100	250	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP07C	TP07_0.5_C	17 May 2017	Normal	292	292	160	160	390	100	650	-	-	<5	<1	3	5	<5	<0.1	3	<5	<0.2
DU12	WSP2018_TP08B	TP08_0.1_B	23 May 2017	Normal	<10	<10	310	310	980	<100	1,290	-	-	<5	<1	2	<5	<5	0.1	<2	30	<0.2
DU12	WSP2018_TP08B	TP08_1.0_B	23 May 2017	Normal	482	482	530	530	730	<100	1,260	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP08C	TP08_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2

DU12 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons		Metals								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						260 | 370 | 630 | NL [#1#2]	NL | NL | NL | NL [#2]														3 | 3 | 3 | 3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand						**NL | NL | NL**	**NL | NL | NL**															**77 | 160 | NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)														3	100		47,000	800	46	17,000	350,000	5.1
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU12	WSP2018_TP08C	TP08_2.0_C	17 May 2017	Normal	18	18	<50	<50	<100	<100	<50	-	-	<5	<1	2	<5	<5	<0.1	<2	10	<0.2
DU12	WSP2018_TP09C	TP09_1.0_C	17 May 2017	Normal	32	32	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP10B	TP10_0.1_B	23 May 2017	Normal	<10	<10	100	100	650	<100	750	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP10B	TP10_1.0_B	23 May 2017	Normal	17	17	1,020	1,020	1,920	<100	2,940	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP10C	TP10_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	21	162	128	0.7	48	1,250	<0.2
DU12	WSP2018_TP11B	TP11_0.5_B	23 May 2017	Normal	430	430	1,700	1,710	3,910	150	5,770	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP11B	TP11_1.5_B	23 May 2017	Normal	289	289	2,010	2,010	4,140	<100	6,150	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP11C	TP11_0.3_C	17 May 2017	Normal	<10	<10	<50	<50	250	<100	250	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP12B	TP12_0.5_B	23 May 2017	Normal	809	805	300	300	340	<100	640	-	-	<5	<1	4	13	<5	<0.1	<2	66	<0.2
DU12	WSP2018_TP12B	TP12_1.5_B	23 May 2017	Normal	353	353	200	200	380	<100	580	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP12C	TP12_0.1_C	17 May 2017	Normal	<10	<10	50	50	<100	<100	50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP13B	TP13_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	260	<100	260	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP13C	TP13_1.0_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP13C	TP13_2.0_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	6	<5	<5	0.6	3	<5	<0.2
DU12	WSP2018_TP14B	TP14_0.1_B	23 May 2017	Normal	50	50	690	690	630	<100	1,320	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP14B	TP14_1.0_B	23 May 2017	Normal	970	970	2,860	2,890	740	<100	3,630	-	-	<5	<1	6	<5	<5	0.1	3	111	<0.2
DU12	WSP2018_TP14C	TP14_0.5_C	17 May 2017	Normal	49	49	140	140	<100	<100	140	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP14C	TP14_1.0_C	17 May 2017	Normal	395	395	1,160	1,160	260	<100	1,420	-	-	<5	<1	9	61	40	3.9	7	436	<0.2
DU12	WSP2018_TP15B	TP15_0.5_B	23 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP15C	TP15_0.5_C	17 May 2017	Normal	314	314	230	230	<100	<100	230	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP16C	TP16_0.5_C	17 May 2017	Normal	52	52	630	630	720	<100	1,350	-	-	<5	<1	23	31	12	0.2	21	102	<0.2
DU12	WSP2018_TP16C	TP16_1.0_C	17 May 2017	Normal	130	130	520	520	170	<100	690	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP17C	TP17_1.0_C	17 May 2017	Normal	<10	<10	130	130	<100	<100	130	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP20B	TP20_1.5_B	23 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP21B	TP21_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	1,560	320	1,880	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP22B	TP22_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	140	<100	140	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP22B	TP22_1.5_B	23 May 2017	Normal	37	37	300	300	400	<100	700	-	-	8	<1	<2	<5	<5	<0.1	<2	<5	<0.2
DU12	WSP2018_TP23B	TP23_0.1_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP24B	TP24_1.0_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP24B	TP24_2.0_B	18 May 2017	Normal	<10	<10	<50	<50	120	<100	120	-	-	<5	<1	2	<5	<5	<0.1	9	15	<0.2
DU12	WSP2018_TP25B	TP25_1.5_B	18 May 2017	Normal	<10	<10	<50	<50	110	<100	110	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP26B	TP26_0.5_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP27B	TP27_0.5_B	18 May 2017	Normal	87	87	3,410	3,410	9,820	1,440	14,700	-	-	<5	<1	4	<5	<5	0.1	2	76	<0.2
DU12	WSP2018_TP27B	TP27_2.0_B	18 May 2017	Normal	<10	<10	90	90	490	<100	580	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP28B	TP28_0.5_B	18 May 2017	Normal	49	49	840	840	770	200	1,810	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP28B	TP28_1.0_B	18 May 2017	Normal	351	351	970	970	470	<100	1,440	-	-	<5	<1	3	10	7	0.6	4	78	<0.2
DU12	WSP2018_TP29B	TP29_1.5_B	18 May 2017	Normal	90	90	800	800	880	150	1,830	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP30B	TP30_0.5_B	18 May 2017	Normal	1,150	1,150	2,380	2,380	910	<100	3,290	-	-	<5	<1	12	16	9	0.9	14	117	<0.2
DU12	WSP2018_TP30B	TP30_1.5_B	18 May 2017	Normal	2,330	2,330	3,990	4,010	1,050	<100	5,060	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP31B	TP31_0.1_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP32B	TP32_1.5_B	18 May 2017	Normal	<10	<10	60	60	190	<100	250	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP33B	TP33_1.5_B	18 May 2017	Normal	19	19	300	300	460	<100	760	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP34B	TP34_0.5_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	8	19	10	0.2	10	90	<0.2
DU12	WSP2018_TP34B	TP34_1.0_B	18 May 2017	Normal	<10	<10	<50	<50	170	<100	170	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP34B	TP34_2.0_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP35B	TP35_0.5_B	18 May 2017	Normal	<10	<10	660	660	1,620	160	2,440	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP35B	TP35_1.5_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	<2	<5	<5	0.2	<2	<5	<0.2
DU12	WSP2018_TP36B	TP36_1.0_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	<0.2
DU12	WSP2018_TP37B	TP37_1.0_B	18 May 2017	Normal	165	165	2,510	2,510	3,780	<100	6,290	-	-	-	-	-	-	-	-	-	-	<0.2

DU12 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons		Metals								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						260 | 370 | 630 | NL [#1#2]	NL | NL | NL | NL [#2]														3 | 3 | 3 | 3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand						**NL | NL | NL**	**NL | NL | NL**															**77 | 160 | NL**
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)														3	100		47,000	800	46	17,000	350,000	5.1
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU12	**WSP2018_TP37B**	**TP37_2.0_B**	**18 May 2017**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	3	7	<5	1.6	6	31	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU12 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons					Polynuclear Aromatic Hydrocarbons					Phenolic Compounds
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene	Phenanthrene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Sum of PAHs	Phenols
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL															
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand					NL | NL | NL [#2]	NL | NL | NL [#2]			230 | NL | NL [#2]	NL | NL | NL [#2]					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														4,000[#7]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand					**NL | NL | NL**	**NL | NL | NL**			**NL | NL | NL**						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					47,000	25		2,800	2,500	8.6		2.1			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU12	WSP2018_BH01B	BH01_1.5_B	06 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	19.3	<0.5	<0.5	35.8	-
DU12	WSP2018_BH01B	BH01_2.0_B	06 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	40	<0.5	<0.5	63.1	<8
DU12	WSP2018_BH02B	BH02_0.5_B	06 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	0.5	-
DU12	WSP2018_BH02B	BH02_1.5_B	06 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH03B	BH03_1.5_B	06 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	WSP2018_BH04B	BH04_0.7_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH04B	BH04_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	10.1	<0.5	<0.5	18.6	<8
DU12	WSP2018_BH05B	BH05_0.7_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH05B	BH05_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH06B	BH06_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	1.6	<8
DU12	WSP2018_BH07B	BH07_0.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH08B	BH08_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	WSP2018_BH09B	BH09_0.7_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH10B	BH10_2.0_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH11B	BH11_1.0_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	WSP2018_BH12B	BH12_1.0_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	WSP2018_BH12B	BH12_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	WSP2018_BH13B	BH13_0.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	0.6	-
DU12	WSP2018_BH13B	BH13_1.5_B	08 Nov 2018	Normal	<0.5	1.9	5.3	<0.5	5.3	7.9	1.3	<0.5	<0.5	10.9	<8
DU12	WSP2018_BH14B	BH14_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	20	38.8	<0.5	<0.5	96.8	-
DU12	WSP2018_BH15B	BH15_0.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	0.5	-
DU12	WSP2018_BH16B	BH16_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	10.7	<8
DU12	WSP2018_BH17B	BH17_1.0_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH18B	BH18_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH19B	BH19_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	WSP2018_BH20B	BH20_1.0_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_BH20B	BH20_1.5_B	08 Nov 2018	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	WSP2018_TP01B	TP01_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.6	<0.5	-	4.6	-
DU12	WSP2018_TP01B	TP01_1.0_B	23 May 2017	Normal	<0.5	<0.5	0.7	<0.5	0.7	1	5	<0.5	-	11.6	<8
DU12	WSP2018_TP01C	TP01_0.1_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP02B	TP02_1.0_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	32	48.1	0.8	-	102	-
DU12	WSP2018_TP02B	TP02_2.0_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	3	12.9	<0.5	-	19.6	<8
DU12	WSP2018_TP02C	TP02_1.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP03B	TP03_0.5_B	23 May 2017	Normal	<0.5	0.6	38.8	4.9	43.7	12	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP03C	TP03_0.5_C	17 May 2017	Normal	<0.5	<0.5	2.4	<0.5	2.4	<1	1.2	<0.5	-	3.3	<8
DU12	WSP2018_TP03C	TP03_1.5_C	17 May 2017	Normal	0.9	0.8	17.6	4.2	21.8	1	1.2	<0.5	-	4	-
DU12	WSP2018_TP04B	TP04_0.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	4.6	<0.5	-	8.6	-
DU12	WSP2018_TP04C	TP04_0.1_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP04C	TP04_1.5_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP05B	TP05_0.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	2	0.6	<0.5	-	0.6	-
DU12	WSP2018_TP05B	TP05_1.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.9	<0.5	-	2.2	<8
DU12	WSP2018_TP05C	TP05_0.5_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP06B	TP06_2.0_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP06C	TP06_0.5_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP07B	TP07_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	1.4	-	13.4	-
DU12	WSP2018_TP07C	TP07_0.5_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP08B	TP08_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	1	<8
DU12	WSP2018_TP08B	TP08_1.0_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.6	<0.5	-	1.8	-
DU12	WSP2018_TP08C	TP08_0.1_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-

DU12 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons					Polynuclear Aromatic Hydrocarbons					Phenolic Compounds
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene	Phenanthrene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Sum of PAHs	Phenols
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL															
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand					NL | NL | NL [#2]	NL | NL | NL [#2]			230 | NL | NL [#2]	NL | NL | NL [#2]					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														4,000[#7]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand					**NL | NL | NL**	**NL | NL | NL**			**NL | NL | NL**						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					47,000	25		2,800	2,500	8.6		2.1			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU12	WSP2018_TP08C	TP08_2.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP09C	TP09_1.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP10B	TP10_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	0.8	-
DU12	WSP2018_TP10B	TP10_1.0_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	2	16.9	<0.5	-	33.9	-
DU12	WSP2018_TP10C	TP10_0.1_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP11B	TP11_0.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	12	36	0.6	-	72.3	-
DU12	WSP2018_TP11B	TP11_1.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	3	40.8	<0.5	-	78.9	-
DU12	WSP2018_TP11C	TP11_0.3_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP12B	TP12_0.5_B	23 May 2017	Normal	<0.5	1.2	2.6	<0.5	2.6	4	2.3	<0.5	-	3.8	<8
DU12	WSP2018_TP12B	TP12_1.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	1.5	<0.5	-	2.1	-
DU12	WSP2018_TP12C	TP12_0.1_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP13B	TP13_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP13C	TP13_1.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP13C	TP13_2.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP14B	TP14_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	1.6	<0.5	-	3.9	-
DU12	WSP2018_TP14B	TP14_1.0_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	31	8.2	<0.5	-	41	<8
DU12	WSP2018_TP14C	TP14_0.5_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP14C	TP14_1.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP15B	TP15_0.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP15C	TP15_0.5_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP16C	TP16_0.5_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP16C	TP16_1.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP17C	TP17_1.0_C	17 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP20B	TP20_1.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP21B	TP21_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.9	-	10.7	-
DU12	WSP2018_TP22B	TP22_0.1_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP22B	TP22_1.5_B	23 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP23B	TP23_0.1_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP24B	TP24_1.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP24B	TP24_2.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP25B	TP25_1.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP26B	TP26_0.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP27B	TP27_0.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	3.9	<0.5	-	9.1	<8
DU12	WSP2018_TP27B	TP27_2.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP28B	TP28_0.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP28B	TP28_1.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP29B	TP29_1.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP30B	TP30_0.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	1	4.1	<0.5	-	9.2	<8
DU12	WSP2018_TP30B	TP30_1.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	19	3.7	<0.5	-	24.7	-
DU12	WSP2018_TP31B	TP31_0.1_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP32B	TP32_1.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP33B	TP33_1.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP34B	TP34_0.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP34B	TP34_1.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP34B	TP34_2.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP35B	TP35_0.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP35B	TP35_1.5_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	WSP2018_TP36B	TP36_1.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	WSP2018_TP37B	TP37_1.0_B	18 May 2017	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	2	5.2	<0.5	-	10.4	-

DU12 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons					Polynuclear Aromatic Hydrocarbons					Phenolic Compounds
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene	Phenanthrene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Sum of PAHs	Phenols
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL															
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand					NL | NL | NL [#2]	NL | NL | NL | NL [#2]			230 | NL | NL | NL [#2]	NL | NL | NL | NL [#2]					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														4,000 [#7]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand					**NL | NL | NL**	**NL | NL | NL**			**NL | NL | NL**						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					47,000	25		2,800	2,500	8.6		2.1			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU12	**WSP2018_TP37B**	**TP37_2.0_B**	**18 May 2017**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appro
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-sp
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercur
#7 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU12 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons		Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU12	WSP2018_BH01B	BH01_1.5_B	06 Nov 2018	Normal	12	12	520	520	2,190	<100	2,710	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH01B	BH01_2.0_B	06 Nov 2018	Normal	32	32	690	690	2,360	<100	3,050	-	-	<5	<1	18	107	36	0.4	16
DU12	WSP2018_BH02B	BH02_0.5_B	06 Nov 2018	Normal	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH02B	BH02_1.5_B	06 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH03B	BH03_1.5_B	06 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	3	<5	<5	<0.1	2
DU12	WSP2018_BH04B	BH04_0.7_B	08 Nov 2018	Normal	<10	<10	<50	<50	240	<100	240	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH04B	BH04_1.5_B	08 Nov 2018	Normal	<10	<10	400	400	820	<100	1,220	-	-	<5	<1	10	18	13	0.6	8
DU12	WSP2018_BH05B	BH05_0.7_B	08 Nov 2018	Normal	<10	<10	<50	<50	200	<100	200	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH05B	BH05_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH06B	BH06_1.5_B	08 Nov 2018	Normal	24	24	90	90	<100	<100	90	-	-	<5	<1	3	<5	<5	<0.1	3
DU12	WSP2018_BH07B	BH07_0.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH08B	BH08_1.5_B	08 Nov 2018	Normal	65	65	<50	<50	240	<100	240	-	-	<5	<1	9	6	10	0.2	8
DU12	WSP2018_BH09B	BH09_0.7_B	08 Nov 2018	Normal	<10	<10	<50	<50	320	<100	320	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH10B	BH10_2.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	590	150	740	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH11B	BH11_1.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	340	<100	340	-	-	<5	<1	5	12	7	0.2	7
DU12	WSP2018_BH12B	BH12_1.0_B	08 Nov 2018	Normal	<10	<10	270	270	790	<100	1,060	-	-	<5	<1	14	27	28	0.9	14
DU12	WSP2018_BH12B	BH12_1.5_B	08 Nov 2018	Normal	17	17	2,010	2,010	2,470	<100	4,480	-	-	<5	<1	15	24	18	0.4	13
DU12	WSP2018_BH13B	BH13_0.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	240	<100	240	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH13B	BH13_1.5_B	08 Nov 2018	Normal	553	546	4,810	4,820	830	<100	5,650	-	-	<5	<1	7	9	10	0.5	6
DU12	WSP2018_BH14B	BH14_1.5_B	08 Nov 2018	Normal	517	517	10,600	10,600	19,900	3,080	33,600	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH15B	BH15_0.5_B	08 Nov 2018	Normal	-	-	80	80	280	<100	360	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH16B	BH16_1.5_B	08 Nov 2018	Normal	633	633	5,560	5,560	2,890	<100	8,450	-	-	<5	<1	13	32	32	0.8	13
DU12	WSP2018_BH17B	BH17_1.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH18B	BH18_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH19B	BH19_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	13	12	8	0.2	16
DU12	WSP2018_BH20B	BH20_1.0_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_BH20B	BH20_1.5_B	08 Nov 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP01B	TP01_0.1_B	23 May 2017	Normal	<10	<10	190	190	1,110	<100	1,300	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP01B	TP01_1.0_B	23 May 2017	Normal	308	308	430	430	1,140	<100	1,570	-	-	<5	<1	5	21	5	0.1	5
DU12	WSP2018_TP01C	TP01_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP02B	TP02_1.0_B	23 May 2017	Normal	305	305	2,700	2,730	3,460	<100	6,190	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP02B	TP02_2.0_B	23 May 2017	Normal	51	51	560	560	960	<100	1,520	-	-	<5	<1	<2	<5	<5	<0.1	<2
DU12	WSP2018_TP02C	TP02_1.0_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP03B	TP03_0.5_B	23 May 2017	Normal	507	462	<50	<50	<100	<100	<50	-	-	<5	<1	<2	<5	<5	<0.1	2
DU12	WSP2018_TP03C	TP03_0.5_C	17 May 2017	Normal	1,180	1,170	740	740	1,520	<100	2,260	-	-	<5	<1	<2	<5	<5	<0.1	<2
DU12	WSP2018_TP03C	TP03_1.5_C	17 May 2017	Normal	516	492	620	620	1,230	<100	1,850	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP04B	TP04_0.5_B	23 May 2017	Normal	<10	<10	300	300	660	<100	960	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP04C	TP04_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	370	<100	370	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP04C	TP04_1.5_C	17 May 2017	Normal	94	94	70	70	140	<100	210	-	-	<5	<1	<2	<5	<5	<0.1	<2
DU12	WSP2018_TP05B	TP05_0.5_B	23 May 2017	Normal	643	643	580	580	520	<100	1,100	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP05B	TP05_1.5_B	23 May 2017	Normal	313	313	630	630	270	<100	900	-	-	<5	<1	8	23	13	0.4	11
DU12	WSP2018_TP05C	TP05_0.5_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP06B	TP06_2.0_B	23 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	10	9	12	0.7	7
DU12	WSP2018_TP06C	TP06_0.5_C	17 May 2017	Normal	1,140	1,140	820	820	320	<100	1,140	-	-	<5	<1	4	8	8	0.4	3
DU12	WSP2018_TP07B	TP07_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	250	<100	250	-	-	-	-	-	-	-	-	-

DU12 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons		Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU12	WSP2018_TP07C	TP07_0.5_C	17 May 2017	Normal	292	292	160	160	390	100	650	-	-	<5	<1	3	5	<5	<0.1	3
DU12	WSP2018_TP08B	TP08_0.1_B	23 May 2017	Normal	<10	<10	310	310	980	<100	1,290	-	-	<5	<1	2	<5	<5	0.1	<2
DU12	WSP2018_TP08B	TP08_1.0_B	23 May 2017	Normal	482	482	530	530	730	<100	1,260	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP08C	TP08_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP08C	TP08_2.0_C	17 May 2017	Normal	18	18	<50	<50	<100	<100	<50	-	-	<5	<1	2	<5	<5	<0.1	<2
DU12	WSP2018_TP09C	TP09_1.0_C	17 May 2017	Normal	32	32	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP10B	TP10_0.1_B	23 May 2017	Normal	<10	<10	100	100	650	<100	750	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP10B	TP10_1.0_B	23 May 2017	Normal	17	17	1,020	1,020	1,920	<100	2,940	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP10C	TP10_0.1_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	21	162	128	0.7	48
DU12	WSP2018_TP11B	TP11_0.5_B	23 May 2017	Normal	430	430	1,700	1,710	3,910	150	5,770	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP11B	TP11_1.5_B	23 May 2017	Normal	289	289	2,010	2,010	4,140	<100	6,150	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP11C	TP11_0.3_C	17 May 2017	Normal	<10	<10	<50	<50	250	<100	250	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP12B	TP12_0.5_B	23 May 2017	Normal	809	805	300	300	340	<100	640	-	-	<5	<1	4	13	<5	<0.1	<2
DU12	WSP2018_TP12B	TP12_1.5_B	23 May 2017	Normal	353	353	200	200	380	<100	580	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP12C	TP12_0.1_C	17 May 2017	Normal	<10	<10	50	50	<100	<100	50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP13B	TP13_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	260	<100	260	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP13C	TP13_1.0_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP13C	TP13_2.0_C	17 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	6	<5	<5	0.6	3
DU12	WSP2018_TP14B	TP14_0.1_B	23 May 2017	Normal	50	50	690	690	630	<100	1,320	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP14B	TP14_1.0_B	23 May 2017	Normal	970	970	2,860	2,890	740	<100	3,630	-	-	<5	<1	6	<5	<5	0.1	3
DU12	WSP2018_TP14C	TP14_0.5_C	17 May 2017	Normal	49	49	140	140	<100	<100	140	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP14C	TP14_1.0_C	17 May 2017	Normal	395	395	1,160	1,160	260	<100	1,420	-	-	<5	<1	9	61	40	3.9	7
DU12	WSP2018_TP15B	TP15_0.5_B	23 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP15C	TP15_0.5_C	17 May 2017	Normal	314	314	230	230	<100	<100	230	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP16C	TP16_0.5_C	17 May 2017	Normal	52	52	630	630	720	<100	1,350	-	-	<5	<1	23	31	12	0.2	21
DU12	WSP2018_TP16C	TP16_1.0_C	17 May 2017	Normal	130	130	520	520	170	<100	690	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP17C	TP17_1.0_C	17 May 2017	Normal	<10	<10	130	130	<100	<100	130	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP20B	TP20_1.5_B	23 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP21B	TP21_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	1,560	320	1,880	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP22B	TP22_0.1_B	23 May 2017	Normal	<10	<10	<50	<50	140	<100	140	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP22B	TP22_1.5_B	23 May 2017	Normal	37	37	300	300	400	<100	700	-	-	8	<1	<2	<5	<5	<0.1	<2
DU12	WSP2018_TP23B	TP23_0.1_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP24B	TP24_1.0_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP24B	TP24_2.0_B	18 May 2017	Normal	<10	<10	<50	<50	120	<100	120	-	-	<5	<1	2	<5	<5	<0.1	9
DU12	WSP2018_TP25B	TP25_1.5_B	18 May 2017	Normal	<10	<10	<50	<50	110	<100	110	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP26B	TP26_0.5_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP27B	TP27_0.5_B	18 May 2017	Normal	87	87	3,410	3,410	9,820	1,440	14,700	-	-	<5	<1	4	<5	<5	0.1	2
DU12	WSP2018_TP27B	TP27_2.0_B	18 May 2017	Normal	<10	<10	90	90	490	<100	580	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP28B	TP28_0.5_B	18 May 2017	Normal	49	49	840	840	770	200	1,810	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP28B	TP28_1.0_B	18 May 2017	Normal	351	351	970	970	470	<100	1,440	-	-	<5	<1	3	10	7	0.6	4
DU12	WSP2018_TP29B	TP29_1.5_B	18 May 2017	Normal	90	90	800	800	880	150	1,830	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP30B	TP30_0.5_B	18 May 2017	Normal	1,150	1,150	2,380	2,380	910	<100	3,290	-	-	<5	<1	12	16	9	0.9	14
DU12	WSP2018_TP30B	TP30_1.5_B	18 May 2017	Normal	2,330	2,330	3,990	4,010	1,050	<100	5,060	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP31B	TP31_0.1_B	18 May 2017	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	WSP2018_TP32B	TP32_1.5_B	18 May 2017	Normal	<10	<10	60	60	190	<100	250	-	-	-	-	-	-	-	-	-

DU12 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons		Metals						
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU12	**WSP2018_TP33B**	**TP33_1.5_B**	**18 May 2017**	**Normal**	19	19	300	300	460	<100	760	-	-	-	-	-	-	-	-	-
DU12	**WSP2018_TP34B**	**TP34_0.5_B**	**18 May 2017**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	8	19	10	0.2	10
DU12	**WSP2018_TP34B**	**TP34_1.0_B**	**18 May 2017**	**Normal**	<10	<10	<50	<50	170	<100	170	-	-	-	-	-	-	-	-	-
DU12	**WSP2018_TP34B**	**TP34_2.0_B**	**18 May 2017**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	**WSP2018_TP35B**	**TP35_0.5_B**	**18 May 2017**	**Normal**	<10	<10	660	660	1,620	160	2,440	-	-	-	-	-	-	-	-	-
DU12	**WSP2018_TP35B**	**TP35_1.5_B**	**18 May 2017**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	<2	<5	<5	0.2	<2
DU12	**WSP2018_TP36B**	**TP36_1.0_B**	**18 May 2017**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-
DU12	**WSP2018_TP37B**	**TP37_1.0_B**	**18 May 2017**	**Normal**	165	165	2,510	2,510	3,780	<100	6,290	-	-	-	-	-	-	-	-	-
DU12	**WSP2018_TP37B**	**TP37_2.0_B**	**18 May 2017**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	<5	<1	3	7	<5	1.6	6

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU12 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons						Polynuclear Aromatic Hydrocarbons					Phenolic Compounds
					Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene	Phenanthrene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Sum of PAHs	Phenols
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**430**	**99,000**	**27,000**			**81,000**	**11,000**					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*1,100*	*120,000*	*85,000*			*130,000*						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU12	**WSP2018_BH01B**	**BH01_1.5_B**	**06 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	19.3	<0.5	<0.5	35.8	-
DU12	**WSP2018_BH01B**	**BH01_2.0_B**	**06 Nov 2018**	**Normal**	437	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	40	<0.5	<0.5	63.1	<8
DU12	**WSP2018_BH02B**	**BH02_0.5_B**	**06 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	0.5	-
DU12	**WSP2018_BH02B**	**BH02_1.5_B**	**06 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH03B**	**BH03_1.5_B**	**06 Nov 2018**	**Normal**	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	**WSP2018_BH04B**	**BH04_0.7_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH04B**	**BH04_1.5_B**	**08 Nov 2018**	**Normal**	192	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	10.1	<0.5	<0.5	18.6	<8
DU12	**WSP2018_BH05B**	**BH05_0.7_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH05B**	**BH05_1.5_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH06B**	**BH06_1.5_B**	**08 Nov 2018**	**Normal**	22	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	1.6	<8
DU12	**WSP2018_BH07B**	**BH07_0.5_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH08B**	**BH08_1.5_B**	**08 Nov 2018**	**Normal**	106	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	**WSP2018_BH09B**	**BH09_0.7_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH10B**	**BH10_2.0_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH11B**	**BH11_1.0_B**	**08 Nov 2018**	**Normal**	76	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	**WSP2018_BH12B**	**BH12_1.0_B**	**08 Nov 2018**	**Normal**	228	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	**WSP2018_BH12B**	**BH12_1.5_B**	**08 Nov 2018**	**Normal**	227	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	**WSP2018_BH13B**	**BH13_0.5_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	0.6	-
DU12	**WSP2018_BH13B**	**BH13_1.5_B**	**08 Nov 2018**	**Normal**	64	<0.2	<0.5	1.9	5.3	<0.5	5.3	7.9	1.3	<0.5	<0.5	10.9	<8
DU12	**WSP2018_BH14B**	**BH14_1.5_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	20	38.8	<0.5	<0.5	96.8	-
DU12	**WSP2018_BH15B**	**BH15_0.5_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	0.5	-
DU12	**WSP2018_BH16B**	**BH16_1.5_B**	**08 Nov 2018**	**Normal**	330	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.6	<0.5	<0.5	10.7	<8
DU12	**WSP2018_BH17B**	**BH17_1.0_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH18B**	**BH18_1.5_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH19B**	**BH19_1.5_B**	**08 Nov 2018**	**Normal**	78	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<8
DU12	**WSP2018_BH20B**	**BH20_1.0_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_BH20B**	**BH20_1.5_B**	**08 Nov 2018**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU12	**WSP2018_TP01B**	**TP01_0.1_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.6	<0.5	-	4.6	-
DU12	**WSP2018_TP01B**	**TP01_1.0_B**	**23 May 2017**	**Normal**	54	<0.2	<0.5	<0.5	0.7	<0.5	0.7	1	5	<0.5	-	11.6	<8
DU12	**WSP2018_TP01C**	**TP01_0.1_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP02B**	**TP02_1.0_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	32	48.1	0.8	-	102	-
DU12	**WSP2018_TP02B**	**TP02_2.0_B**	**23 May 2017**	**Normal**	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	3	12.9	<0.5	-	19.6	<8
DU12	**WSP2018_TP02C**	**TP02_1.0_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP03B**	**TP03_0.5_B**	**23 May 2017**	**Normal**	17	<0.2	<0.5	0.6	38.8	4.9	43.7	12	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP03C**	**TP03_0.5_C**	**17 May 2017**	**Normal**	56	<0.2	<0.5	<0.5	2.4	<0.5	2.4	<1	1.2	<0.5	-	3.3	<8
DU12	**WSP2018_TP03C**	**TP03_1.5_C**	**17 May 2017**	**Normal**	-	<0.2	0.9	0.8	17.6	4.2	21.8	1	1.2	<0.5	-	4	-
DU12	**WSP2018_TP04B**	**TP04_0.5_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	4.6	<0.5	-	8.6	-
DU12	**WSP2018_TP04C**	**TP04_0.1_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP04C**	**TP04_1.5_C**	**17 May 2017**	**Normal**	46	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP05B**	**TP05_0.5_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	2	0.6	<0.5	-	0.6	-
DU12	**WSP2018_TP05B**	**TP05_1.5_B**	**23 May 2017**	**Normal**	64	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.9	<0.5	-	2.2	<8
DU12	**WSP2018_TP05C**	**TP05_0.5_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP06B**	**TP06_2.0_B**	**23 May 2017**	**Normal**	133	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP06C**	**TP06_0.5_C**	**17 May 2017**	**Normal**	64	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP07B**	**TP07_0.1_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	1.4	-	13.4	-

DU12 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Monocyclic Aromatic Hydrocarbons						Polynuclear Aromatic Hydrocarbons					Phenolic Compounds
					Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene	Phenanthrene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Sum of PAHs	Phenols
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						**430**	**99,000**	**27,000**			**81,000**	**11,000**					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*1,100*	*120,000*	*85,000*			*130,000*						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU12	**WSP2018_TP07C**	**TP07_0.5_C**	**17 May 2017**	**Normal**	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP08B**	**TP08_0.1_B**	**23 May 2017**	**Normal**	30	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	1	<8
DU12	**WSP2018_TP08B**	**TP08_1.0_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	0.6	<0.5	-	1.8	-
DU12	**WSP2018_TP08C**	**TP08_0.1_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP08C**	**TP08_2.0_C**	**17 May 2017**	**Normal**	10	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP09C**	**TP09_1.0_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP10B**	**TP10_0.1_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	0.8	-
DU12	**WSP2018_TP10B**	**TP10_1.0_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	2	16.9	<0.5	-	33.9	-
DU12	**WSP2018_TP10C**	**TP10_0.1_C**	**17 May 2017**	**Normal**	1,250	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP11B**	**TP11_0.5_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	12	36	0.6	-	72.3	-
DU12	**WSP2018_TP11B**	**TP11_1.5_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	3	40.8	<0.5	-	78.9	-
DU12	**WSP2018_TP11C**	**TP11_0.3_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP12B**	**TP12_0.5_B**	**23 May 2017**	**Normal**	66	<0.2	<0.5	1.2	2.6	<0.5	2.6	4	2.3	<0.5	-	3.8	<8
DU12	**WSP2018_TP12B**	**TP12_1.5_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	1.5	<0.5	-	2.1	-
DU12	**WSP2018_TP12C**	**TP12_0.1_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP13B**	**TP13_0.1_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP13C**	**TP13_1.0_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP13C**	**TP13_2.0_C**	**17 May 2017**	**Normal**	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP14B**	**TP14_0.1_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	1.6	<0.5	-	3.9	-
DU12	**WSP2018_TP14B**	**TP14_1.0_B**	**23 May 2017**	**Normal**	111	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	31	8.2	<0.5	-	41	<8
DU12	**WSP2018_TP14C**	**TP14_0.5_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP14C**	**TP14_1.0_C**	**17 May 2017**	**Normal**	436	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP15B**	**TP15_0.5_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP15C**	**TP15_0.5_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP16C**	**TP16_0.5_C**	**17 May 2017**	**Normal**	102	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP16C**	**TP16_1.0_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP17C**	**TP17_1.0_C**	**17 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP20B**	**TP20_1.5_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP21B**	**TP21_0.1_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.9	-	10.7	-
DU12	**WSP2018_TP22B**	**TP22_0.1_B**	**23 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP22B**	**TP22_1.5_B**	**23 May 2017**	**Normal**	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP23B**	**TP23_0.1_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP24B**	**TP24_1.0_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP24B**	**TP24_2.0_B**	**18 May 2017**	**Normal**	15	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP25B**	**TP25_1.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP26B**	**TP26_0.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP27B**	**TP27_0.5_B**	**18 May 2017**	**Normal**	76	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	3.9	<0.5	-	9.1	<8
DU12	**WSP2018_TP27B**	**TP27_2.0_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP28B**	**TP28_0.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP28B**	**TP28_1.0_B**	**18 May 2017**	**Normal**	78	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP29B**	**TP29_1.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP30B**	**TP30_0.5_B**	**18 May 2017**	**Normal**	117	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	1	4.1	<0.5	-	9.2	<8
DU12	**WSP2018_TP30B**	**TP30_1.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	19	3.7	<0.5	-	24.7	-
DU12	**WSP2018_TP31B**	**TP31_0.1_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP32B**	**TP32_1.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-

DU12 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Monocyclic Aromatic Hydrocarbons						Polynuclear Aromatic Hydrocarbons						Phenolic Compounds
								Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Naphthalene	Phenanthrene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Sum of PAHs	Phenols
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**430**	**99,000**	**27,000**			**81,000**	**11,000**					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)									*1,100*	*120,000*	*85,000*			*130,000*						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU12	**WSP2018_TP33B**	**TP33_1.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP34B**	**TP34_0.5_B**	**18 May 2017**	**Normal**	90	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP34B**	**TP34_1.0_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP34B**	**TP34_2.0_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP35B**	**TP35_0.5_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP35B**	**TP35_1.5_B**	**18 May 2017**	**Normal**	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8
DU12	**WSP2018_TP36B**	**TP36_1.0_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	-
DU12	**WSP2018_TP37B**	**TP37_1.0_B**	**18 May 2017**	**Normal**	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	2	5.2	<0.5	-	10.4	-
DU12	**WSP2018_TP37B**	**TP37_2.0_B**	**18 May 2017**	**Normal**	31	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	-	<0.5	<8

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU12 - 1d: Soil Analytical Results – Asbestos Screening

					Asbestos			
					Asbestos Detected		Asbestos (ACM >7mm) Estimation	Asbestos fibres
					%ww	-	%ww	%ww
EQL								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**				
DU12	WSP2018_BH01B	BH01_1.0_B	06 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH02B	BH02_0.5_B	06 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH03B	BH03_1.0_B	06 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH04B	BH04_0.7_B	08 Nov 2018	Normal	1	-	-	0.007
DU12	WSP2018_BH05B	BH05_0.7_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH06B	BH06_0.8_B	08 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH07B	BH07_0.5_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH08B	BH08_0.7_B	08 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH09B	BH09_0.7_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH10B	BH10_2.0_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH11B	BH11_1.0_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH12B	BH12_1.0_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH13B	BH13_0.5_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH14B	BH14_0.5_B	08 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH15B	BH15_0.5_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH16B	BH16_0.5_B	08 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH17B	BH17_1.0_B	08 Nov 2018	Normal	0	-	-	<0.001
DU12	WSP2018_BH18B	BH18_0.5_B	08 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH19B	BH19_1.0_B	08 Nov 2018	Normal	-	0	-	<0.001
DU12	WSP2018_BH20B	BH20_1.0_B	08 Nov 2018	Normal	1	-	-	<0.001
DU12	WSP2018_TP01C	TP01_0.1_C	17 May 2017	Normal	0	-	-	<0.001
DU12	WSP2018_TP02B	TP02_0.1_B	23 May 2017	Normal	-	0	-	<0.001
DU12	WSP2018_TP05B	TP05_0.1_B	23 May 2017	Normal	-	0	-	<0.001
DU12	WSP2018_TP06C	TP06_0.1_C	17 May 2017	Normal	-	0	-	<0.001
DU12	WSP2018_TP07B	TP07_0.1_B	23 May 2017	Normal	0	-	-	<0.001
DU12	WSP2018_TP13B	TP13_0.1_B	23 May 2017	Normal	0	-	-	<0.001

DU12 - 1d: Soil Analytical Results – Asbestos Screening

					Asbestos			
					Asbestos Detected		Asbestos (ACM >7mm) Estimation	Asbestos fibres
					%ww	-	%ww	%ww
EQL								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**				
DU12	**WSP2018_TP13C**	**TP13_0.1_C**	**17 May 2017**	**Normal**	-	0	-	<0.001
DU12	**WSP2018_TP17C**	**TP17_0.1_C**	**17 May 2017**	**Normal**	-	0	-	<0.001
DU12	**WSP2018_TP23B**	**TP23_0.1_B**	**18 May 2017**	**Normal**	0	-	-	<0.001
DU12	**WSP2018_TP26B**	**TP26_0.1_B**	**18 May 2017**	**Normal**	-	0	-	<0.001
DU12	**WSP2018_TP33B**	**TP33_0.1_B**	**18 May 2017**	**Normal**	-	0	-	<0.001
DU12	**WSP2018_TP34B**	**TP34_0.1_B**	**18 May 2017**	**Normal**	-	0	-	<0.001

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand					260 | 370 | 630 | NL [#2]		NL | NL | NL [#2]												
>=0m, <1m						260[#1]	NL [#2]												
>=1m, <2m						370	NL												
>=2m, <4m						630	NL												
>=4m						NL [#2]	NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand						**NL | NL | NL**	**NL | NL | NL**												
>=0m, <2m						**NL**	**NL**												
>=2m, <4m						**NL**	**NL**												
>=4m						**NL**	**NL**												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	16
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	12
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	12
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	<10	<10	<50	<50	130	<100	130	<10	<50	120	<100	120	<5	<1	16
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<10	<10	<50	<50	200	<100	200	<10	<50	100	130	230	<5	<1	16
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	9
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<10	<10	<50	<50	190	<100	190	<10	<50	100	120	220	<5	<1	13
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	<4	<0.4	3
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	19
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	13
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	<10	<10	<50	<50	240	<100	240	<10	<50	140	140	280	<5	<1	14
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	<4	<0.4	2
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	13
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<10	<10	<50	<50	160	<100	160	<10	<50	<100	110	110	<5	<1	12
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	9
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<10	<10	<50	<50	190	<100	190	<10	<50	120	120	240	<5	<1	16
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	14
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<10	<10	<50	<50	190	<100	190	<10	<50	110	110	220	<5	<1	13

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
				C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand				260 | 370 | 630 | NL [#1]		NL | NL | NL [#2]												
>=0m, <1m					260 [#1]	NL [#2]												
>=1m, <2m					370	NL												
>=2m, <4m					630	NL												
>=4m					NL [#2]	NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																3,000 [#3]	900	3,600 [#4]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand					**NL | NL | NL**	**NL | NL | NL**												
>=0m, <2m					**NL**	**NL**												
>=2m, <4m					**NL**	**NL**												
>=4m					**NL**	**NL**												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<10	<10	<50	<50	140	<100	140	<10	<50	<100	<100	<50	<5	<1	14
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<10	<10	<50	<50	180	100	280	<10	<50	110	120	230	<5	<1	12
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<10	<10	<50	<50	180	<100	180	<10	<50	<100	120	120	<5	<1	11
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<10	<10	<50	<50	240	110	350	<10	<50	120	160	280	<5	<1	19
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	12
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	8
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<10	<10	<50	<50	140	<100	140	<10	<50	<100	100	100	<5	<1	18
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<10	<10	<50	<50	290	120	410	<10	<50	140	200	340	<5	<1	20
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<10	<10	<50	<50	140	<100	140	<10	<50	<100	110	110	<5	<1	6
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<10	<10	<50	<50	230	120	350	<10	<50	120	170	290	<5	<1	16
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<10	<10	<50	<50	220	<100	220	<10	<50	110	150	260	<5	<1	20
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	15
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<10	<10	<50	<50	120	<100	120	<10	<50	<100	<100	<50	<5	<1	11
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons							
				C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand				260 | 370 | 630 | NL	NL | NL | NL [#2]													
>=0m, <1m					260[#1]	NL [#2]												
>=1m, <2m					370	NL												
>=2m, <4m					630	NL												
>=4m					NL [#2]	NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																3,000[#3]	900	3,600[#4]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand					**NL | NL | NL**	**NL | NL | NL**												
>=0m, <2m					**NL**	**NL**												
>=2m, <4m					**NL**	**NL**												
>=4m					**NL**	**NL**												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	<10	<10	<50	<50	180	<100	180	<10	<50	<100	130	130	<5	<1	15
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	13

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be undertaken

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

						Metals					Monocyclic Aromatic Hydrocarbons									
						Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											3 | 3 | 3 | 3	NL | NL | NL | NL	NL | NL | NL | NL[#2]		230 | NL | NL | NL[#2]				
>=0m, <1m											3	NL[#2]	NL[#2]			230				
>=1m, <2m											3	NL	NL			NL[#2]				
>=2m, <4m											3	NL	NL			NL				
>=4m											3	NL	NL			NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						240,000	1,500[#5]	730[#6]	6,000	400,000										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											**77 | 160 | NL**	**NL | NL | NL**	**NL | NL | NL**			**NL | NL | NL**				
>=0m, <2m											**77**	**NL**	**NL**			**NL**				
>=2m, <4m											**160**	**NL**	**NL**			**NL**				
>=4m											**NL**	**NL**	**NL**			**NL**				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)															2,800		35,000	9,900	58,000	24,000
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	15	30	<0.1	12	120	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	17	98	<0.1	27	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	8	35	<0.1	7	39	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	11	15	<0.1	9	46	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	6	15	<0.1	5	34	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	8	16	<0.1	6	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	12	16	<0.1	13	52	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	9	20	<0.1	9	53	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	27	22	0.1	13	109	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	24	38	0.2	6	74	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	20	31	<0.1	8	132	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	17	15	<0.1	5	74	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	8	8	0.2	3	35	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	7	8	0.2	3	31	<0.2	<0.5	<1	<2	<1	<1	<1	<1	<1	<1	<1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	24	25	<0.1	10	66	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<5	7	0.3	2	24	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	16	23	<0.1	7	87	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	21	24	0.3	3	137	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	27	26	<0.1	7	82	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<5	44	<0.1	<2	23	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<5	<5	<0.1	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	1	2	<0.1	1	5	<0.2	<0.5	<1	<2	<1	<1	<1	<1	<1	<1	<1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	17	24	0.1	7	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	6	<5	<0.1	<2	16	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	24	27	0.1	7	135	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	7	10	<0.1	2	59	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	16	23	0.1	7	139	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	8	9	0.2	2	34	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	19	25	<0.1	8	67	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<5	<5	<0.1	<2	17	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	20	47	<0.1	7	100	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	10	10	<0.1	4	42	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	20	27	0.2	8	92	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	9	8	<0.1	<2	18	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	23	22	0.2	7	62	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

						Metals					Monocyclic Aromatic Hydrocarbons						
						Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											3 | 3 | 3 | 3	NL | NL | NL | NL	NL | NL | NL | NL[#2]		230 | NL | NL | NL[#2]			
>=0m, <1m											3	NL[#2]	NL[#2]			230				
>=1m, <2m											3	NL	NL			NL[#2]				
>=2m, <4m											3	NL	NL			NL				
>=4m											3	NL	NL			NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						240,000	1,500[#5]	730[#6]	6,000	400,000										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											**77 | 160 | NL**	**NL | NL | NL**	**NL | NL | NL**			**NL | NL | NL**				
>=0m, <2m											**77**	**NL**	**NL**			**NL**				
>=2m, <4m											**160**	**NL**	**NL**			**NL**				
>=4m											**NL**	**NL**	**NL**			**NL**				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)															2,800		35,000	9,900	58,000	24,000
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	9	6	<0.1	6	28	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	21	34	<0.1	12	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	6	10	<0.1	4	32	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	12	15	0.2	5	92	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	19	25	<0.1	7	90	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	36	27	0.2	7	115	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	23	18	0.3	4	124	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	17	24	<0.1	7	97	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	9	8	<0.1	4	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	10	13	<0.1	4	53	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<5	6	<0.1	2	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	25	27	<0.1	10	80	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_2408**	**Normal**	6	7	0.1	4	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	17	29	<0.1	6	68	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_2408**	**Normal**	10	12	<0.1	6	48	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	48	28	<0.1	6	78	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	41	34	<0.1	7	236	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	10	12	0.1	4	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	10	12	0.6	9	155	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	16	19	<0.1	7	69	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	10	14	<0.1	8	51	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	22	32	<0.1	8	102	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<5	28	<0.1	<2	35	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	21	23	<0.1	9	126	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	6	7	0.2	5	70	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	22	55	<0.1	8	124	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<5	9	<0.1	2	46	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	21	27	<0.1	10	92	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	11	15	<0.1	5	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	8	11	0.6	4	130	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	14	20	0.4	11	209	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	20	28	<0.1	9	90	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	28	17	<0.1	24	132	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	30	19	<0.1	8	63	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	37	15	<0.1	8	72	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

						Metals					Monocyclic Aromatic Hydrocarbons									
						Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						1	1	0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											3 | 3 | 3 | 3	NL | NL | NL | NL	NL | NL | NL | NL [#2]		230 | NL | NL | NL [#2]				
>=0m, <1m											3	NL [#2]	NL [#2]			230				
>=1m, <2m											3	NL	NL			NL [#2]				
>=2m, <4m											3	NL	NL			NL				
>=4m											3	NL	NL			NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						240,000	1,500[#5]	730[#6]	6,000	400,000										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											**77 | 160 | NL**	**NL | NL | NL**	**NL | NL | NL**			**NL | NL | NL**				
>=0m, <2m											**77**	**NL**	**NL**			**NL**				
>=2m, <4m											**160**	**NL**	**NL**			**NL**				
>=4m											**NL**	**NL**	**NL**			**NL**				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)															2,800		35,000	9,900	58,000	24,000
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	18	69	<0.1	10	103	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	20	21	0.2	14	179	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						NL | NL | NL | NL[#2]					NL | NL | NL | NL[#2]					
>=0m, <1m							NL[#2]					NL[#2]				
>=1m, <2m							NL					NL				
>=2m, <4m							NL					NL				
>=4m							NL					NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									40[#7]	40[#7]	40[#7]					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							**NL | NL | NL**									
>=0m, <2m							**NL**									
>=2m, <4m							**NL**									
>=4m							**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		120,000	120,000	1,800	1,500								3,000	60,000		45,000

Monitoring Zone	Location Code	Date	Field ID	Sample Type															
DU13	BW02	8-Aug-24	FLA_BW02_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	BW04	8-Aug-24	FLA_BW04_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	BW06	8-Aug-24	FLA_BW06_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	BW08	8-Aug-24	FLA_BW08_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	BW10	8-Aug-24	FLA_BW10_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	BW12	8-Aug-24	FLA_BW12_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	BW14	8-Aug-24	FLA_BW14_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	BW16	8-Aug-24	FLA_BW16_0.25_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP02	8-Aug-24	FLA_TP02_0.1_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP02	8-Aug-24	FLA_TP02_0.5_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP04	8-Aug-24	FLA_TP04_0.1_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP04	8-Aug-24	FLA_TP04_0.5_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP06	7-Aug-24	FLA_QC100_240807	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP06	7-Aug-24	FLA_QC200_240807	Interlab_D	<1	<1	<1	<1	<1	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	-	-	<0.1	<0.1
DU13	TP06	7-Aug-24	FLA_TP06_0.3_240807	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP06	7-Aug-24	FLA_TP06_0.55_240807	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP07	8-Aug-24	FLA_TP07_0.1_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP07	8-Aug-24	FLA_TP07_0.5_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP09	8-Aug-24	FLA_TP09_0.1_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	1.2	0.9	1.5	0.6	-	-	0.7	<0.5
DU13	TP09	8-Aug-24	FLA_TP09_0.45_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP11	8-Aug-24	FLA_QC101_240808	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP11	8-Aug-24	FLA_QC201_240808	Interlab_D	<1	<1	<1	<1	<1	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	-	-	<0.1	<0.1
DU13	TP11	8-Aug-24	FLA_TP11_0.3_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP11	8-Aug-24	FLA_TP11_0.55_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP14	8-Aug-24	FLA_TP14_0.3_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP14	8-Aug-24	FLA_TP14_0.45_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP16	8-Aug-24	FLA_TP16_0.3_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP16	8-Aug-24	FLA_TP16_0.45_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP18	7-Aug-24	FLA_TP18_0.1_240807	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP18	7-Aug-24	FLA_TP18_0.5_240807	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP19	8-Aug-24	FLA_TP19_0.3_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	1	0.7	1.3	<0.5	-	-	<0.5	<0.5
DU13	TP19	8-Aug-24	FLA_TP19_0.5_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP21	8-Aug-24	FLA_TP21_0.1_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP21	8-Aug-24	FLA_TP21_0.35_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	TP23	8-Aug-24	FLA_TP23_0.1_240808	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						NL | NL | NL | NL[#2]					NL | NL | NL | NL[#2]					
>=0m, <1m							NL[#2]					NL[#2]				
>=1m, <2m							NL					NL				
>=2m, <4m							NL					NL				
>=4m							NL					NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									40[#7]	40[#7]	40[#7]					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							**NL | NL | NL**									
>=0m, <2m							**NL**									
>=2m, <4m							**NL**									
>=4m							**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		120,000	120,000	1,800	1,500								3,000	60,000		45,000
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand						NL | NL | NL | NL[#2]					NL | NL | NL | NL[#2]					
>=0m, <1m							NL[#2]					NL[#2]				
>=1m, <2m							NL					NL				
>=2m, <4m							NL					NL				
>=4m							NL					NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									40[#7]	40[#7]	40[#7]					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							**NL | NL | NL**									
>=0m, <2m							**NL**									
>=2m, <4m							**NL**									
>=4m							**NL**									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)		120,000	120,000	1,800	1,500								3,000	60,000		45,000
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons														
					Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1	0.5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							NL | NL | NL | NL												
>=0m, <1m							NL												
>=1m, <2m							NL												
>=2m, <4m							NL												
>=4m							NL												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							**NL**												
>=0m, <2m																			
>=2m, <4m																			
>=4m							**NL**												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					230,000	30,000			30,000	21	210			0.6	0.0084	2.1	2,100	23,000	0.1	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-	-	<0.2	-	-	<0.05	<0.1	<0.1	-	<0.1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	0.7	<0.5	<1	3.3	2.5	0.9	<0.5	0.8	-	-	-	0.7	0.7	2.3	-	<0.5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-	-	<0.2	-	-	<0.05	<0.1	<0.1	-	<0.1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<0.5	<0.5	<1	1.1	1.7	0.6	<0.5	0.7	-	-	-	0.6	0.6	1.6	-	<0.5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	0.8	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	0.8	-	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons														
					Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1	0.5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							NL | NL | NL | NL													
>=0m, <1m							NL													
>=1m, <2m							NL													
>=2m, <4m							NL													
>=4m							NL													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							**NL**													
>=0m, <2m																				
>=2m, <4m																				
>=4m							**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					230,000	30,000			30,000	21	210			0.6	0.0084	2.1	2,100	23,000	0.1	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	0.5	-	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	0.5	-	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons															
					Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1	0.5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							NL | NL | NL | NL													
>=0m, <1m							NL													
>=1m, <2m							NL													
>=2m, <4m							NL													
>=4m							NL													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand							**NL**													
>=0m, <2m																				
>=2m, <4m																				
>=4m							**NL**													
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					230,000	30,000			30,000	21	210			0.6	0.0084	2.1	2,100	23,000	0.1	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

													Phenolic Compounds						
				Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						4,000[#8]		240,000											660
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				2.1	21				5,800	41,000		2,500	16,000		82,000	210	82,000	66	4
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	<0.5	<0.5	13.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<0.5	<0.5	6.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<0.5	<0.5	1.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2

DU13 - 1b: Soil Analytical Results – Human Health Screening

													Phenolic Compounds						
				Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						4,000[#8]		240,000											660
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				2.1	21				5,800	41,000		2,500	16,000		82,000	210	82,000	66	4
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.5	<0.5	0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.5	<0.5	0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Phenolic Compounds													
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]		240,000											660
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2.1	21				5,800	41,000		2,500	16,000		82,000	210	82,000	66	4
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Other	CRS-ph			Polychlorinated Biphenyls								
	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Triazophos	pHF	pHFOX (field peroxide test)	Reaction Rate	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene
	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	pH Units	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	4	4	0.001	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	25,000	1,600							27	0.83	0.72	0.95	0.94	0.97	0.99	7.5
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<0.2	<4	<4	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<0.2	<4	<4	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	-	-	-	-	-	-	-	3.2	-	-	-	-	-	-	-	-
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	-	-	-	-	-	-	-	2.8	-	-	-	-	-	-	-	-
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	-
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Other	CRS-ph			Polychlorinated Biphenyls								
	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Triazophos	pHF	pHFOX (field peroxide test)	Reaction Rate	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene
	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	pH Units	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	4	4	0.001	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	25,000	1,600							27	0.83	0.72	0.95	0.94	0.97	0.99	7.5
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	-
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	-	-	-	-	-	-	-	3.6	-	-	-	-	-	-	-	-
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-	-
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	-
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	-
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	-
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	-	-	-	-	-	-	-	3.8	-	-	-	-	-	-	-	-
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	-
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Other	CRS-ph			Polychlorinated Biphenyls								
	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Triazophos	pHF	pHFOX (field peroxide test)	Reaction Rate	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene
	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	pH Units	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	4	4	0.001	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	25,000	1,600							27	0.83	0.72	0.95	0.94	0.97	0.99	7.5
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Chlorinated Hydrocarbons			Sulfonated Compounds												
					Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.005	0.005	0.002	0.002	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													2,500					2,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					8		930	3,500				600	10	2,500			570	820	8,200	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	-	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-

DU13 - 1b: Soil Analytical Results – Human Health Screening

	Chlorinated Hydrocarbons			Sulfonated Compounds													
	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.5	0.5	0.5	0.5	0.005	0.005	0.002	0.002	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									2,500					2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	8		930	3,500				600	10	2,500			570	820	8,200		

Monitoring Zone	Location Code	Date	Field ID	Sample Type															
DU13	TP23	8-Aug-24	FLA_TP23_0.5_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP26	8-Aug-24	FLA_TP26_0.3_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP26	8-Aug-24	FLA_TP26_0.45_24080	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP28	5-Aug-24	FLA_TP28_0.4_240805	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP28	8-Aug-24	FLA_TP28_0.3_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP30	7-Aug-24	FLA_TP30_0.1_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP30	8-Aug-24	FLA_TP30_0.55_24080	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP31	8-Aug-24	FLA_TP31_0.1_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP31	8-Aug-24	FLA_TP31_0.4_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP33	8-Aug-24	FLA_TP33_0.3_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP33	8-Aug-24	FLA_TP33_0.4_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP35	7-Aug-24	FLA_TP35_0.1_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP35	7-Aug-24	FLA_TP35_0.45_24080	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP38	8-Aug-24	FLA_TP38_0.1_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP38	8-Aug-24	FLA_TP38_0.35_24080	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP40	9-Aug-24	FLA_TP40_0.1_240809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP40	9-Aug-24	FLA_TP40_0.4_240809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP42	7-Aug-24	FLA_TP42_0.3_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP42	7-Aug-24	FLA_TP42_0.5_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP43	8-Aug-24	FLA_TP43_0.3_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP43	8-Aug-24	FLA_TP43_0.4_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP45	8-Aug-24	FLA_TP45_0.3_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP45	8-Aug-24	FLA_TP45_0.4_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP47	7-Aug-24	FLA_TP47_0.1_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP47	7-Aug-24	FLA_TP47_0.4_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP50	8-Aug-24	FLA_TP50_0.1_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP50	8-Aug-24	FLA_TP50_0.4_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP52	9-Aug-24	FLA_TP52_0.3_240809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP52	9-Aug-24	FLA_TP52_0.4_240809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP54	7-Aug-24	FLA_TP54_0.3_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP54	7-Aug-24	FLA_TP54_0.5_240807	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP55	8-Aug-24	FLA_TP55_0.3_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP55	8-Aug-24	FLA_TP55_0.5_240808	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP57	9-Aug-24	FLA_TP57_0.3_240809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	TP57	9-Aug-24	FLA_TP57_0.5_240809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-

DU13 - 1b: Soil Analytical Results – Human Health Screening

	Chlorinated Hydrocarbons			Sulfonated Compounds													
	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.005	0.005	0.002	0.002	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									2,500					2,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	8		930	3,500				600	10	2,500			570	820	8,200	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)															
					Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Methidathion	Monocrotophos	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.002	0.05	0.004	0.01	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.1	0.005	0.05	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						570	7.9	1,800	33	410		210				16,000	1,200		4,900	210
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2

DU13 - 1b: Soil Analytical Results – Human Health Screening

								Organophosphorus Pesticides (OP)										
								Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.002	0.05	0.004	0.01	0.05	0.002	0.002	0.1	0.005	0.01
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									570	7.9	1,800	33	410		210			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2

								Organophosphorus Pesticides (OP)										
								Malathion	Methidathion	Monocrotophos	Parathion	Parathion-methyl						
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg						
EQL								0.005	0.1	0.005	0.05	0.1						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								16,000	1,200		4,900	210						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.05	-	<0.2	<0.2	<0.2									

DU13 - 1b: Soil Analytical Results – Human Health Screening

									Organophosphorus Pesticides (OP)										
									Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Methidathion	Monocrotophos	Parathion	Parathion-methyl
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.002	0.05	0.004	0.01	0.05	0.002	0.002	0.1	0.005	0.01	0.005	0.1	0.005	0.05	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										570	7.9	1,800	33	410		210				16,000	1,200		4,900	210
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Phosalone	Tetrachlorvinphos	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.02	0.05	0.05	0.1	0.005	0.001	0.1	0.002	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					160			58,000	19	410			0.18	0.14		0.36	1.3		2.5	500
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<0.1	-	-	<0.1	-	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<0.1	-	-	<0.1	-	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Phosalone	Tetrachlorvinphos	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.02	0.05	0.05	0.1	0.005	0.001	0.1	0.002	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														45					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				160			58,000	19	410			0.18	0.14		0.36	1.3		2.5	500
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU13 - 1b: Soil Analytical Results – Human Health Screening

	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Phosalone	Tetrachlorvinphos	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.02	0.05	0.05	0.1	0.005	0.001	0.1	0.002	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											45					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	160			58,000	19	410			0.18	0.14		0.36	1.3		2.5	500
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Organochlorine Pesticides (OC)															
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						530				3,600	2,000				100			50		80
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					500		9.6	9.3	8.5		7,000			4,900	250			0.63	0.33	0.96
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU13 - 1b: Soil Analytical Results – Human Health Screening

								Organochlorine Pesticides (OC)										
								trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									530				3,600	2,000				100
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								500		9.6	9.3	8.5		7,000			4,900	250

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU13 - 1b: Soil Analytical Results – Human Health Screening

						Organochlorine Pesticides (OC)												
						trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							530				3,600	2,000				100			50		80
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						500		9.6	9.3	8.5		7,000			4,900	250			0.63	0.33	0.96
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**		<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Halogenated Aromatic Compounds														
					Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	1	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					2,500	100														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,100	0.17	1,800	1,300	23,000	23,000	9,300		11	930	110	630	370	460	1.7	30
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<0.1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<0.1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Halogenated Aromatic Compounds															
				Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	1	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				2,500	100														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				4,100	0.17	1,800	1,300	23,000	23,000	9,300		11	930	110	630	370	460	1.7	30
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Halogenated Aromatic Compounds														
					Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	1	1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					2,500	100														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					4,100	0.17	1,800	1,300	23,000	23,000	9,300		11	930	110	630	370	460	1.7	30
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

						Halogenated Aliphatic Compounds														
						Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						23,000	350,000	1,000		16	370	300	36,000		2.9	2	6	99	5	23,000	100
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**		<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**		<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**		<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

					Halogenated Aliphatic Compounds														
					Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					23,000	350,000	1,000		16	370	300	36,000		2.9	2	6	99	5	23,000	100
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1b: Soil Analytical Results – Human Health Screening

											Halogenated Aliphatic Compounds							
							Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							23,000	350,000	1,000		16	370	300	36,000		2.9	2	6
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**			<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**			<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

							Halogenated Aliphatic Compounds											
							Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)								
							mg/kg	mg/kg	mg/kg	mg/kg								
EQL							0.5	0.5	0.5	0.5								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							99	5	23,000	100								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**			<0.5	<0.5	<0.5	<0.5								
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**			<0.5	<0.5	<0.5	<0.5								

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

											Trihalomethanes				Fumigants					C
				1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				8.8	0.032	0.032	2.7	0.11	36	0.064	5.3	1.3	39	86	1.4	0.16	11				3,800
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	<1	-	-	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	<1	-	-	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5

DU13 - 1b: Soil Analytical Results – Human Health Screening

										Trihalomethanes				Fumigants					C
				1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				8.8	0.032	0.032	2.7	0.11	36	0.064	5.3	1.3	39	86	1.4	0.16	11				3,800
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5

DU13 - 1b: Soil Analytical Results – Human Health Screening

										Trihalomethanes				Fumigants					C
										1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate
										mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL										0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																											
>=0m, <2m																											
>=2m, <4m																											
>=4m																											
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										8.8	0.032	0.032	2.7	0.11	36	0.064	5.3	1.3	39	86	1.4	0.16	11				3,800
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																							
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**						<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**						<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1b: Soil Analytical Results – Human Health Screening

				Oxygenated Compounds			Physio-Chemical Parameters	SPOCAS			Inorganics	Volatile Aliphatic Hydrocarbons
				2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	pH KCl	Liming Rate	ANC Fineness Factor	pH (after HCL)	Cyclohexane
				mg/kg	mg/kg	mg/kg	%	pH Units	kg CaCO3/t	-	-	mg/kg
EQL				5	5	5	0.1	0.1	1	0.5	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m												
>=1m, <2m												
>=2m, <4m												
>=4m												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m												
>=2m, <4m												
>=4m												
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				190,000	1,300	140,000						27,000
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU13	**BW02**	**8-Aug-24**	**FLA_BW02_0.25_2408**	**Normal**	<5	<5	<5	7	-	-	-	1.7	-
DU13	**BW04**	**8-Aug-24**	**FLA_BW04_0.25_2408**	**Normal**	<5	<5	<5	8	-	-	-	5.3	-
DU13	**BW06**	**8-Aug-24**	**FLA_BW06_0.25_2408**	**Normal**	<5	<5	<5	7.5	-	-	-	1.8	-
DU13	**BW08**	**8-Aug-24**	**FLA_BW08_0.25_2408**	**Normal**	<5	<5	<5	5.2	-	-	-	1.8	-
DU13	**BW10**	**8-Aug-24**	**FLA_BW10_0.25_2408**	**Normal**	<5	<5	<5	13.9	-	-	-	1.6	-
DU13	**BW12**	**8-Aug-24**	**FLA_BW12_0.25_2408**	**Normal**	<5	<5	<5	13.5	-	-	-	1.6	-
DU13	**BW14**	**8-Aug-24**	**FLA_BW14_0.25_2408**	**Normal**	<5	<5	<5	8.3	-	-	-	1.7	-
DU13	**BW16**	**8-Aug-24**	**FLA_BW16_0.25_2408**	**Normal**	<5	<5	<5	8.7	-	-	-	1.6	-
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.1_240808**	**Normal**	<5	<5	<5	12.4	-	-	-	5.2	-
DU13	**TP02**	**8-Aug-24**	**FLA_TP02_0.5_240808**	**Normal**	<5	<5	<5	8.7	-	-	-	1.9	-
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.1_240808**	**Normal**	<5	<5	<5	12.6	-	-	-	5.1	-
DU13	**TP04**	**8-Aug-24**	**FLA_TP04_0.5_240808**	**Normal**	<5	<5	<5	8.3	-	-	-	1.8	-
DU13	**TP06**	**7-Aug-24**	**FLA_QC100_240807**	**Field_D**	<5	<5	<5	4.2	-	-	-	1.6	-
DU13	**TP06**	**7-Aug-24**	**FLA_QC200_240807**	**Interlab_D**	-	-	-	4.2	-	-	-	-	<1
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.3_240807**	**Normal**	<5	<5	<5	9.8	-	-	-	8.4	-
DU13	**TP06**	**7-Aug-24**	**FLA_TP06_0.55_24080**	**Normal**	<5	<5	<5	4.7	-	-	-	1.6	-
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.1_240808**	**Normal**	<5	<5	<5	15.6	-	-	-	6	-
DU13	**TP07**	**8-Aug-24**	**FLA_TP07_0.5_240808**	**Normal**	<5	<5	<5	6	-	-	-	1.6	-
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.1_240808**	**Normal**	<5	<5	<5	13	-	-	-	5.7	-
DU13	**TP09**	**8-Aug-24**	**FLA_TP09_0.45_24080**	**Normal**	<5	<5	<5	6.8	-	-	-	1.6	-
DU13	**TP11**	**8-Aug-24**	**FLA_QC101_240808**	**Field_D**	<5	<5	<5	5	-	-	-	1.6	-
DU13	**TP11**	**8-Aug-24**	**FLA_QC201_240808**	**Interlab_D**	-	-	-	6	-	-	-	-	<1
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.3_240808**	**Normal**	<5	<5	<5	14.2	-	-	-	5.8	-
DU13	**TP11**	**8-Aug-24**	**FLA_TP11_0.55_24080**	**Normal**	<5	<5	<5	5.7	-	-	-	1.6	-
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.3_240808**	**Normal**	<5	<5	<5	12	-	-	-	3.8	-
DU13	**TP14**	**8-Aug-24**	**FLA_TP14_0.45_24080**	**Normal**	<5	<5	<5	4.8	-	-	-	1.6	-
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.3_240808**	**Normal**	<5	<5	<5	12.7	-	-	-	5.2	-
DU13	**TP16**	**8-Aug-24**	**FLA_TP16_0.45_24080**	**Normal**	<5	<5	<5	10.4	-	-	-	1.7	-
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.1_240807**	**Normal**	<5	<5	<5	4.4	-	-	-	5.1	-
DU13	**TP18**	**7-Aug-24**	**FLA_TP18_0.5_240807**	**Normal**	<5	<5	<5	3.4	-	-	-	1.5	-
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.3_240808**	**Normal**	<5	<5	<5	13	-	-	-	5.4	-
DU13	**TP19**	**8-Aug-24**	**FLA_TP19_0.5_240808**	**Normal**	<5	<5	<5	6.3	-	-	-	1.8	-
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.1_240808**	**Normal**	<5	<5	<5	13.8	-	-	-	5.4	-
DU13	**TP21**	**8-Aug-24**	**FLA_TP21_0.35_24080**	**Normal**	<5	<5	<5	6.8	-	-	-	1.7	-
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.1_240808**	**Normal**	<5	<5	<5	12.1	-	-	-	7	-

DU13 - 1b: Soil Analytical Results – Human Health Screening

	Oxygenated Compounds			Physio-Chemical Parameters	SPOCAS			Inorganics	Volatile Aliphatic Hydrocarbons
	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	pH KCl	Liming Rate	ANC Fineness Factor	pH (after HCL)	Cyclohexane
	mg/kg	mg/kg	mg/kg	%	pH Units	kg CaCO3/t	-	-	mg/kg
EQL	5	5	5	0.1	0.1	1	0.5	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand									
>=0m, <1m									
>=1m, <2m									
>=2m, <4m									
>=4m									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand									
>=0m, <2m									
>=2m, <4m									
>=4m									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	190,000	1,300	140,000						27,000

Monitoring Zone	Location Code	Date	Field ID	Sample Type									
DU13	**TP23**	**8-Aug-24**	**FLA_TP23_0.5_240808**	**Normal**	<5	<5	<5	12.1	-	-	-	1.9	-
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.3_240808**	**Normal**	<5	<5	<5	15	-	-	-	5.1	-
DU13	**TP26**	**8-Aug-24**	**FLA_TP26_0.45_24080**	**Normal**	<5	<5	<5	11.2	-	-	-	1.8	-
DU13	**TP28**	**5-Aug-24**	**FLA_TP28_0.4_240805**	**Normal**	<5	<5	<5	12	-	-	-	1.6	-
DU13	**TP28**	**8-Aug-24**	**FLA_TP28_0.3_240808**	**Normal**	<5	<5	<5	15.2	-	-	-	3.4	-
DU13	**TP30**	**7-Aug-24**	**FLA_TP30_0.1_240807**	**Normal**	<5	<5	<5	6.2	-	-	-	6.4	-
DU13	**TP30**	**8-Aug-24**	**FLA_TP30_0.55_24080**	**Normal**	<5	<5	<5	3.8	-	-	-	1.5	-
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.1_240808**	**Normal**	<5	<5	<5	12.4	-	-	-	5.1	-
DU13	**TP31**	**8-Aug-24**	**FLA_TP31_0.4_240808**	**Normal**	<5	<5	<5	8.5	-	-	-	1.6	-
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.3_240808**	**Normal**	<5	<5	<5	13.1	-	-	-	2	-
DU13	**TP33**	**8-Aug-24**	**FLA_TP33_0.4_240808**	**Normal**	<5	<5	<5	9.6	-	-	-	1.6	-
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.1_240807**	**Normal**	<5	<5	<5	11.7	-	-	-	6.3	-
DU13	**TP35**	**7-Aug-24**	**FLA_TP35_0.45_24080**	**Normal**	<5	<5	<5	13.1	-	-	-	1.6	-
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.1_240808**	**Normal**	<5	<5	<5	12.8	-	-	-	5.5	-
DU13	**TP38**	**8-Aug-24**	**FLA_TP38_0.35_24080**	**Normal**	<5	<5	<5	10.6	-	-	-	3.6	-
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.1_240809**	**Normal**	<5	<5	<5	10.1	-	-	-	5.1	-
DU13	**TP40**	**9-Aug-24**	**FLA_TP40_0.4_240809**	**Normal**	<5	<5	<5	7.7	-	-	-	3.4	-
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.3_240807**	**Normal**	<5	<5	<5	10.8	-	-	-	3.8	-
DU13	**TP42**	**7-Aug-24**	**FLA_TP42_0.5_240807**	**Normal**	<5	<5	<5	8.5	-	-	-	1.8	-
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.3_240808**	**Normal**	<5	<5	<5	12.4	-	-	-	3.4	-
DU13	**TP43**	**8-Aug-24**	**FLA_TP43_0.4_240808**	**Normal**	<5	<5	<5	11.9	-	-	-	3	-
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.3_240808**	**Normal**	<5	<5	<5	13.8	-	-	-	5.8	-
DU13	**TP45**	**8-Aug-24**	**FLA_TP45_0.4_240808**	**Normal**	<5	<5	<5	9.8	-	-	-	1.8	-
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.1_240807**	**Normal**	<5	<5	<5	15.5	-	-	-	6	-
DU13	**TP47**	**7-Aug-24**	**FLA_TP47_0.4_240807**	**Normal**	<5	<5	<5	10.3	-	-	-	1.8	-
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.1_240808**	**Normal**	<5	<5	<5	16.1	-	-	-	5	-
DU13	**TP50**	**8-Aug-24**	**FLA_TP50_0.4_240808**	**Normal**	<5	<5	<5	11	-	-	-	1.6	-
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.3_240809**	**Normal**	<5	<5	<5	15.3	-	-	-	5.3	-
DU13	**TP52**	**9-Aug-24**	**FLA_TP52_0.4_240809**	**Normal**	<5	<5	<5	12.6	-	-	-	3.2	-
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.3_240807**	**Normal**	<5	<5	<5	19.7	-	-	-	1.6	-
DU13	**TP54**	**7-Aug-24**	**FLA_TP54_0.5_240807**	**Normal**	<5	<5	<5	9.8	-	-	-	1.7	-
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.3_240808**	**Normal**	<5	<5	<5	14.6	-	-	-	5.5	-
DU13	**TP55**	**8-Aug-24**	**FLA_TP55_0.5_240808**	**Normal**	<5	<5	<5	12.6	-	-	-	2	-
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.3_240809**	**Normal**	<5	<5	<5	12.1	-	-	-	7.1	-
DU13	**TP57**	**9-Aug-24**	**FLA_TP57_0.5_240809**	**Normal**	<5	<5	<5	12.3	-	-	-	1.9	-

DU13 - 1b: Soil Analytical Results – Human Health Screening

	Oxygenated Compounds			Physio-Chemical Parameters	SPOCAS			Inorganics	Volatile Aliphatic Hydrocarbons
	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	pH KCl	Liming Rate	ANC Fineness Factor	pH (after HCL)	Cyclohexane
	mg/kg	mg/kg	mg/kg	%	pH Units	kg CaCO3/t	-	-	mg/kg
EQL	5	5	5	0.1	0.1	1	0.5	0.1	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand									
>=0m, <1m									
>=1m, <2m									
>=2m, <4m									
>=4m									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand									
>=0m, <2m									
>=2m, <4m									
>=4m									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	190,000	1,300	140,000						27,000
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.1_240807**	**Normal**	<5	<5	<5	11.7	-	-	-	5.3	-
DU13	**TP59**	**7-Aug-24**	**FLA_TP59_0.4_240807**	**Normal**	<5	<5	<5	11.6	-	-	-	3.3	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropria
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specif
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is p
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each car
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (sh
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposur

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	14	15	30
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	21	17	98
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	5	<1	16	8	35
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	12	11	15
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	12	6	15
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	130	<100	130	<10	<50	120	<100	120	<5	<1	16	8	16
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18	12	16
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16	9	20
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	200	<100	200	<10	<50	100	130	230	<5	<1	16	27	22
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	9	24	38
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	190	<100	190	<10	<50	100	120	220	<5	<1	13	20	31
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7	17	15
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	8	8
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	<4	<0.4	3	7	8
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	19	24	25
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	7
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	13	16	23
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	21	24
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	240	<100	240	<10	<50	140	140	280	<5	<1	14	27	26
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	44
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<25	<25	<50	<50	<100	<100	<50	<25	<50	<100	<100	<50	<4	<0.4	2	1	2
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	13	17	24
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	6	<5
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	24	27
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	7	10
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	160	<100	160	<10	<50	<100	110	110	<5	<1	12	16	23
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	9	8	9
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16	19	25
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	190	<100	190	<10	<50	120	120	240	<5	<1	16	20	47
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	10	10
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	14	20	27
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	9	8
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	190	<100	190	<10	<50	110	110	220	<5	<1	13	23	22
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8	9	6
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	140	<100	140	<10	<50	<100	<100	<50	<5	<1	14	21	34
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7	6	10
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	180	100	280	<10	<50	110	120	230	<5	<1	12	19	25
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7	12	15
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	36	27
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	23	18

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	180	<100	180	<10	<50	<100	120	120	<5	<1	11	17	24
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	9	8
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7	10	13
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	6
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	<10	<10	<50	<50	240	110	350	<10	<50	120	160	280	<5	<1	19	25	27
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	6	7
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	11	17	29
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8	10	12
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	12	48	28
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	41	34
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	8	10	12
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8	10	12
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	16	19
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	10	14
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	140	<100	140	<10	<50	<100	100	100	<5	<1	18	22	32
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	28
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	<10	<10	<50	<50	290	120	410	<10	<50	140	200	340	<5	<1	20	21	23
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	<10	<10	<50	<50	140	<100	140	<10	<50	<100	110	110	<5	<1	6	6	7
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	<10	<10	<50	<50	230	120	350	<10	<50	120	170	290	<5	<1	16	22	55
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	9
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	<10	<10	<50	<50	220	<100	220	<10	<50	110	150	260	<5	<1	20	21	27
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8	11	15
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	8	11
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	14	20
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	15	20	28
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	28	17
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	<10	<10	<50	<50	120	<100	120	<10	<50	<100	<100	<50	<5	<1	11	30	19
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	8	37	15
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	<10	<10	<50	<50	180	<100	180	<10	<50	<100	130	130	<5	<1	15	18	69
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	<10	<10	<50	<50	110	<100	110	<10	<50	<100	<100	<50	<5	<1	13	20	21
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	10	10
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	7	14
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	18	156	94
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	17	10
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	6	7
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	6	22
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	<20	<20	<50	<50	140	<100	140	<20	<20	79	<50	79	3.6	<0.4	21	21	22
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	<20	<20	<50	<50	140	<100	140	<20	<20	77	78	155	3.1	<0.4	19	19	25
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	<20	<20	<50	<50	130	<100	130	<20	<20	66	<50	66	4.8	<0.4	18	29	27
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	50	50	2.3	<0.4	29	20	15
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	66	<50	66	2.8	<0.4	13	13	62
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	<20	<20	<50	<50	170	<100	170	<20	<20	110	88	198	3.6	<0.4	18	23	150

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals				
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000											
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*											
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	120	<50	120	3.2	<0.4	16	28	1,900
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	490	<100	490	<20	<20	360	180	540	<2	<0.4	47	59	17
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	170	<100	170	<20	<20	100	<50	100	4.1	<0.4	22	36	20
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	450	<100	450	<20	<20	330	160	490	2.6	<0.4	12	15	19
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	57	<50	57	3.1	<0.4	12	12	24
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	220	<100	220	<20	23	140	<50	163	2.4	<0.4	15	19	39
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	300	<100	300	<20	<20	200	55	255	3.1	<0.4	25	73	25
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	480	110	590	<20	<20	340	91	431	4.7	<0.4	18	20	24
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	110	69	179	3.4	<0.4	24	17	21

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Monocyclic Aromatic Hydrocarbons								
					Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)								**430**	**99,000**	**27,000**			**81,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)								*1,100*	*120,000*	*85,000*			*130,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	**FLA_BW02_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	12	120	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW04	**FLA_BW04_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	27	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW06	**FLA_BW06_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	7	39	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW08	**FLA_BW08_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	9	46	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW10	**FLA_BW10_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	5	34	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW12	**FLA_BW12_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	6	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW14	**FLA_BW14_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	13	52	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW16	**FLA_BW16_0.25_240808**	**8-Aug-24**	**Normal**	<0.1	9	53	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	**FLA_TP02_0.1_240808**	**8-Aug-24**	**Normal**	0.1	13	109	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	**FLA_TP02_0.5_240808**	**8-Aug-24**	**Normal**	0.2	6	74	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	**FLA_TP04_0.1_240808**	**8-Aug-24**	**Normal**	<0.1	8	132	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	**FLA_TP04_0.5_240808**	**8-Aug-24**	**Normal**	<0.1	5	74	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	**FLA_QC100_240807**	**7-Aug-24**	**Field_D**	0.2	3	35	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	**FLA_QC200_240807**	**7-Aug-24**	**Interlab_D**	0.2	3	31	<0.2	<0.5	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	TP06	**FLA_TP06_0.3_240807**	**7-Aug-24**	**Normal**	<0.1	10	66	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	**FLA_TP06_0.55_240807**	**7-Aug-24**	**Normal**	0.3	2	24	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	**FLA_TP07_0.1_240808**	**8-Aug-24**	**Normal**	<0.1	7	87	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	**FLA_TP07_0.5_240808**	**8-Aug-24**	**Normal**	0.3	3	137	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	**FLA_TP09_0.1_240808**	**8-Aug-24**	**Normal**	<0.1	7	82	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	**FLA_TP09_0.45_240808**	**8-Aug-24**	**Normal**	<0.1	<2	23	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	**FLA_QC101_240808**	**8-Aug-24**	**Field_D**	<0.1	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	**FLA_QC201_240808**	**8-Aug-24**	**Interlab_D**	<0.1	1	5	<0.2	<0.5	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	TP11	**FLA_TP11_0.3_240808**	**8-Aug-24**	**Normal**	0.1	7	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	**FLA_TP11_0.55_240808**	**8-Aug-24**	**Normal**	<0.1	<2	16	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	**FLA_QC102_240808**	**8-Aug-24**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	**FLA_QC202_240808**	**8-Aug-24**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	**FLA_TP14_0.3_240808**	**8-Aug-24**	**Normal**	0.1	7	135	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	**FLA_TP14_0.45_240808**	**8-Aug-24**	**Normal**	<0.1	2	59	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	**FLA_QC103_240808**	**8-Aug-24**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	**FLA_QC203_240808**	**8-Aug-24**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	**FLA_TP16_0.3_240808**	**8-Aug-24**	**Normal**	0.1	7	139	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	**FLA_TP16_0.45_240808**	**8-Aug-24**	**Normal**	0.2	2	34	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	**FLA_TP18_0.1_240807**	**7-Aug-24**	**Normal**	<0.1	8	67	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	**FLA_TP18_0.5_240807**	**7-Aug-24**	**Normal**	<0.1	<2	17	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	**FLA_TP19_0.3_240808**	**8-Aug-24**	**Normal**	<0.1	7	100	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	**FLA_TP19_0.5_240808**	**8-Aug-24**	**Normal**	<0.1	4	42	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	**FLA_TP21_0.1_240808**	**8-Aug-24**	**Normal**	0.2	8	92	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	**FLA_TP21_0.35_240808**	**8-Aug-24**	**Normal**	<0.1	<2	18	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	**FLA_TP23_0.1_240808**	**8-Aug-24**	**Normal**	0.2	7	62	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	**FLA_TP23_0.5_240808**	**8-Aug-24**	**Normal**	<0.1	6	28	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	**FLA_TP26_0.3_240808**	**8-Aug-24**	**Normal**	<0.1	12	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	**FLA_TP26_0.45_240808**	**8-Aug-24**	**Normal**	<0.1	4	32	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	**FLA_TP28_0.3_240808**	**8-Aug-24**	**Normal**	<0.1	7	90	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	**FLA_TP28_0.4_240805**	**5-Aug-24**	**Normal**	0.2	5	92	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	**FLA_TP30_0.1_240807**	**7-Aug-24**	**Normal**	0.2	7	115	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	**FLA_TP30_0.55_240807**	**8-Aug-24**	**Normal**	0.3	4	124	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Monocyclic Aromatic Hydrocarbons							
					Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)								**430**	**99,000**	**27,000**			**81,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)								*1,100*	*120,000*	*85,000*			*130,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	**FLA_TP31_0.1_240808**	**8-Aug-24**	**Normal**	<0.1	7	97	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP31	**FLA_TP31_0.4_240808**	**8-Aug-24**	**Normal**	<0.1	4	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	**FLA_TP33_0.3_240808**	**8-Aug-24**	**Normal**	<0.1	4	53	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	**FLA_TP33_0.4_240808**	**8-Aug-24**	**Normal**	<0.1	2	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP35	**FLA_TP35_0.1_240807**	**7-Aug-24**	**Normal**	<0.1	10	80	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP35**	**FLA_TP35_0.45_240807**	**7-Aug-24**	**Normal**	0.1	4	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP38**	**FLA_TP38_0.1_240808**	**8-Aug-24**	**Normal**	<0.1	6	68	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP38**	**FLA_TP38_0.35_240808**	**8-Aug-24**	**Normal**	<0.1	6	48	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP40**	**FLA_TP40_0.1_240809**	**9-Aug-24**	**Normal**	<0.1	6	78	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP40**	**FLA_TP40_0.4_240809**	**9-Aug-24**	**Normal**	<0.1	7	236	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP42**	**FLA_TP42_0.3_240807**	**7-Aug-24**	**Normal**	0.1	4	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP42**	**FLA_TP42_0.5_240807**	**7-Aug-24**	**Normal**	0.6	9	155	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP43**	**FLA_TP43_0.3_240808**	**8-Aug-24**	**Normal**	<0.1	7	69	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP43**	**FLA_TP43_0.4_240808**	**8-Aug-24**	**Normal**	<0.1	8	51	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP45**	**FLA_TP45_0.3_240808**	**8-Aug-24**	**Normal**	<0.1	8	102	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP45**	**FLA_TP45_0.4_240808**	**8-Aug-24**	**Normal**	<0.1	<2	35	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP47**	**FLA_TP47_0.1_240807**	**7-Aug-24**	**Normal**	<0.1	9	126	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP47**	**FLA_TP47_0.4_240807**	**7-Aug-24**	**Normal**	0.2	5	70	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP50**	**FLA_TP50_0.1_240808**	**8-Aug-24**	**Normal**	<0.1	8	124	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP50**	**FLA_TP50_0.4_240808**	**8-Aug-24**	**Normal**	<0.1	2	46	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP52**	**FLA_TP52_0.3_240809**	**9-Aug-24**	**Normal**	<0.1	10	92	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP52**	**FLA_TP52_0.4_240809**	**9-Aug-24**	**Normal**	<0.1	5	61	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP54**	**FLA_TP54_0.3_240807**	**7-Aug-24**	**Normal**	0.6	4	130	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP54**	**FLA_TP54_0.5_240807**	**7-Aug-24**	**Normal**	0.4	11	209	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP55**	**FLA_TP55_0.3_240808**	**8-Aug-24**	**Normal**	<0.1	9	90	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP55**	**FLA_TP55_0.5_240808**	**8-Aug-24**	**Normal**	<0.1	24	132	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP57**	**FLA_TP57_0.3_240809**	**9-Aug-24**	**Normal**	<0.1	8	63	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP57**	**FLA_TP57_0.5_240809**	**9-Aug-24**	**Normal**	<0.1	8	72	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP59**	**FLA_TP59_0.1_240807**	**7-Aug-24**	**Normal**	<0.1	10	103	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**TP59**	**FLA_TP59_0.4_240807**	**7-Aug-24**	**Normal**	0.2	14	179	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**2025c_BESS_TP01**	**BESS_TP01_1.5**	**21-Jan-25**	**Normal**	0.1	2	73	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP02**	**BESS_ TP02_1.2**	**21-Jan-25**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP04**	**BESS_TP04_1.2**	**21-Jan-25**	**Normal**	<0.1	<2	107	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP06**	**BESS_TP06_ 0.6**	**21-Jan-25**	**Normal**	<0.1	10	906	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP07**	**BESS_TP07_0.7**	**20-Jan-25**	**Normal**	0.1	8	75	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP07**	**BESS_TP07_1.5**	**21-Jan-25**	**Normal**	<0.1	<2	45	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP08**	**BESS_TP08_0.7-0,9**	**20-Jan-25**	**Normal**	<0.1	<2	9	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP09**	**BESS_TP09_1.2**	**20-Jan-25**	**Normal**	<0.1	189	20	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP09**	**BESS_TP09_1.6**	**20-Jan-25**	**Normal**	<0.1	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU13	**2025c_BESS_TP09**	**BESS_TP09_1.6-1.8_250120**	**20-Jan-25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS01**	**FC_SS01**	**24-Mar-21**	**Normal**	0.2	16	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS02**	**FC_SS02**	**24-Mar-21**	**Normal**	0.1	12	99	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS03**	**FC_SS03**	**24-Mar-21**	**Normal**	0.1	9	87	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS04**	**FC_SS04**	**24-Mar-21**	**Normal**	0.5	27	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS05**	**FC_SS05**	**24-Mar-21**	**Normal**	<0.1	6.9	49	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS06**	**FC_SS06**	**24-Mar-21**	**Normal**	0.5	13	98	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

															Monocyclic Aromatic Hydrocarbons						
					Mercury	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)								**430**	**99,000**	**27,000**			**81,000**								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)								*1,100*	*120,000*	*85,000*			*130,000*								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	0.3	8.3	98	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	0.3	36	73	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	0.5	16	99	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	0.5	6.8	76	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	0.4	7.3	70	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	0.5	10	82	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	2.2	16	110	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	6	11	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	0.7	17	69	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																				Polynuclear Arom
					1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												**11,000**									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	**FLA_BW02_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW04	**FLA_BW04_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW06	**FLA_BW06_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW08	**FLA_BW08_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW10	**FLA_BW10_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW12	**FLA_BW12_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW14	**FLA_BW14_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW16	**FLA_BW16_0.25_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP02	**FLA_TP02_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP02	**FLA_TP02_0.5_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP04	**FLA_TP04_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP04	**FLA_TP04_0.5_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP06	**FLA_QC100_240807**	**7-Aug-24**	**Field_D**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP06	**FLA_QC200_240807**	**7-Aug-24**	**Interlab_D**	<1	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1
	TP06	**FLA_TP06_0.3_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP06	**FLA_TP06_0.55_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP07	**FLA_TP07_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP07	**FLA_TP07_0.5_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP09	**FLA_TP09_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	1.2	0.9	1.5	0.6	-	-	0.7	<0.5	0.7	<0.5	<1	3.3	2.5
	TP09	**FLA_TP09_0.45_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP11	**FLA_QC101_240808**	**8-Aug-24**	**Field_D**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP11	**FLA_QC201_240808**	**8-Aug-24**	**Interlab_D**	<1	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1
	TP11	**FLA_TP11_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP11	**FLA_TP11_0.55_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP14	**FLA_QC102_240808**	**8-Aug-24**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	**FLA_QC202_240808**	**8-Aug-24**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	**FLA_TP14_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP14	**FLA_TP14_0.45_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP16	**FLA_QC103_240808**	**8-Aug-24**	**Field_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	**FLA_QC203_240808**	**8-Aug-24**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	**FLA_TP16_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP16	**FLA_TP16_0.45_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP18	**FLA_TP18_0.1_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP18	**FLA_TP18_0.5_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP19	**FLA_TP19_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	1	0.7	1.3	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	1.1	1.7
	TP19	**FLA_TP19_0.5_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP21	**FLA_TP21_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP21	**FLA_TP21_0.35_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP23	**FLA_TP23_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.8
	TP23	**FLA_TP23_0.5_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP26	**FLA_TP26_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP26	**FLA_TP26_0.45_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP28	**FLA_TP28_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP28	**FLA_TP28_0.4_240805**	**5-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP30	**FLA_TP30_0.1_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP30	**FLA_TP30_0.55_240807**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																				Polynuclear Arom
					1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												**11,000**									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	**FLA_TP31_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP31	**FLA_TP31_0.4_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP33	**FLA_TP33_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP33	**FLA_TP33_0.4_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP35	**FLA_TP35_0.1_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP35**	**FLA_TP35_0.45_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP38**	**FLA_TP38_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP38**	**FLA_TP38_0.35_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP40**	**FLA_TP40_0.1_240809**	**9-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP40**	**FLA_TP40_0.4_240809**	**9-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP42**	**FLA_TP42_0.3_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP42**	**FLA_TP42_0.5_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP43**	**FLA_TP43_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP43**	**FLA_TP43_0.4_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP45**	**FLA_TP45_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP45**	**FLA_TP45_0.4_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP47**	**FLA_TP47_0.1_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP47**	**FLA_TP47_0.4_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP50**	**FLA_TP50_0.1_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP50**	**FLA_TP50_0.4_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP52**	**FLA_TP52_0.3_240809**	**9-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP52**	**FLA_TP52_0.4_240809**	**9-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP54**	**FLA_TP54_0.3_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP54**	**FLA_TP54_0.5_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP55**	**FLA_TP55_0.3_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP55**	**FLA_TP55_0.5_240808**	**8-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP57**	**FLA_TP57_0.3_240809**	**9-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP57**	**FLA_TP57_0.5_240809**	**9-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP59**	**FLA_TP59_0.1_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**TP59**	**FLA_TP59_0.4_240807**	**7-Aug-24**	**Normal**	<0.5	<0.2	-	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	**2025c_BESS_TP01**	**BESS_TP01_1.5**	**21-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP02**	**BESS_ TP02_1.2**	**21-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP04**	**BESS_TP04_1.2**	**21-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP06**	**BESS_TP06_ 0.6**	**21-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP07**	**BESS_TP07_0.7**	**20-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP07**	**BESS_TP07_1.5**	**21-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP08**	**BESS_TP08_0.7-0,9**	**20-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP09**	**BESS_TP09_1.2**	**20-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP09**	**BESS_TP09_1.6**	**20-Jan-25**	**Normal**	-	<0.2	<1	-	0.6	<0.5	1.2	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5
DU13	**2025c_BESS_TP09**	**BESS_TP09_1.6-1.8_250120**	**20-Jan-25**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS01**	**FC_SS01**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS02**	**FC_SS02**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS03**	**FC_SS03**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS04**	**FC_SS04**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS05**	**FC_SS05**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS06**	**FC_SS06**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																						Polynuclear Arom	
					1,3,5-trimethylbenzene	Total BTEX	Naphthalene (BTEXN)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.2	1	0.05	0.5	0.5	0.5	0.1	0.5	0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												**11,000**									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)							*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 a

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					atic Hydrocarbons																	
					Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.4	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<0.1	-	-	<0.2	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	0.9	<0.5	0.8	-	-	-	0.7	0.7	2.3	-	<0.5	<0.5	<0.5	13.2	<1	<0.5	<0.5
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<0.1	-	-	<0.2	-	-	<0.05	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	0.6	<0.5	0.7	-	-	-	0.6	0.6	1.6	-	<0.5	<0.5	<0.5	6.9	<1	<0.5	<0.5
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	0.8	-	<0.5	<0.5	<0.5	1.6	<1	<0.5	<0.5
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	0.5	-	<0.5	<0.5	<0.5	0.5	<1	<0.5	<0.5
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					atic Hydrocarbons																	
					Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.4	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	0.5	-	<0.5	<0.5	<0.5	0.5	<1	<0.5	<0.5
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					atic Hydrocarbons																	
					Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.5	0.5	0.2	0.5	0.5	0.05	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.4	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 a

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													Other	CRS-ph	
					2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dintro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Triazophos	pHF	pHFOX (field peroxide test)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	pH Units
EQL					0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1	0.2	4	4	0.001	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	-	-	-
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	-	-	-
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													Other	CRS-ph	
					2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dintro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Triazophos	pHF	pHFOX (field peroxide test)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	pH Units
EQL					0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1	0.2	4	4	0.001	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.3	4.7
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds													Other	CRS-ph	
					2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dintro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Triazophos	pHF	pHFOX (field peroxide test)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	pH Units
EQL					0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	2	1	0.2	4	4	0.001	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 a

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Polychlorinated Biphenyls								Chlorinated Hydrocarbons				Sulfonated Compounds			
					Reaction Rate	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.005	0.005	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	-	1.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	-	0.4	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	-	5	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	-	0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	-	0.4	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<0.1	-
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	-	1.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	-	0.6	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	-	0.8	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	<0.1	-
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	-	3.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	-	2.8	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	-	0.9	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	-	0.8	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	-	1.3	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	-	1.3	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	-	1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	-	0.3	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	-	0.6	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	-	3.6	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	-	1.4	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Polychlorinated Biphenyls								Chlorinated Hydrocarbons				Sulfonated Compounds			
					Reaction Rate	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.005	0.005	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	-	1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	-	2.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	-	0.9	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	-	0.3	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	-	0.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	-	0.3	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	-	3.8	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	-	1.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	-	0.3	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	-	0.4	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	-	2.4	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	-	0.6	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	-	0.4	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	-	1.8	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	-	0.8	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	-	<0.1	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	-	0.7	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	-	0.2	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	-	1.5	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	-	0.3	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Polychlorinated Biphenyls								Chlorinated Hydrocarbons				Sulfonated Compounds			
					Reaction Rate	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Carbon disulfide	Azinphos Ethyl	Mevinphos (Phosdrin)	Omethoate
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5	0.5	0.5	0.5	0.5	0.005	0.005	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 a

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																	
					Pirimiphos-methyl	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenamiphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.05	0.002	0.05	0.004	0.01	0.05	0.002	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																	
					Pirimiphos-methyl	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenamiphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.05	0.002	0.05	0.004	0.01	0.05	0.002	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	<0.05	-	<0.05
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Pirimiphos-methyl	Atrazine	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenamiphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.002	0.002	0.005	0.05	0.05	0.005	0.05	0.05	0.002	0.05	0.002	0.05	0.004	0.01	0.05	0.002	0.002
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Fenitrothion	Fensulfothion	Fenthion	Malathion	Methidathion	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Phosalone	Tetrachlorvinphos	Aldrin
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.005	0.01	0.005	0.1	0.005	0.05	0.1	0.02	0.05	0.05	0.1	0.005	0.001	0.1	0.002	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-	<0.1
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-	<0.1
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Fenitrothion	Fensulfothion	Fenthion	Malathion	Methidathion	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Phosalone	Tetrachlorvinphos	Aldrin
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.005	0.01	0.005	0.1	0.005	0.05	0.1	0.02	0.05	0.05	0.1	0.005	0.001	0.1	0.002	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	-	-	<0.05	<0.05	-	<0.2	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Fenitrothion	Fensulfothion	Fenthion	Malathion	Methidathion	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Simazine	Sulfotepp	Phosalone	Tetrachlorvinphos	Aldrin
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.005	0.01	0.005	0.1	0.005	0.05	0.1	0.02	0.05	0.05	0.1	0.005	0.001	0.1	0.002	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																
					Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																
					Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																
					Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Halogenated Aromatic Compounds							
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Halogenated Aromatic Compounds							
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Halogenated Aromatic Compounds							
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds															
					Bromochloromethane	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	TrichloroEthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds															
					Bromochloromethane	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	TrichloroEthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds															
					Bromochloromethane	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	TrichloroEthene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

															Trihalomethanes					
					Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<1	<1	<1	<1	<1	-	-	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<1	<1	<1	<1	<1	-	-	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

															Trihalomethanes					
					Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

															Trihalomethanes					
					Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Fumigants			Oxygenated Compounds				Physio-Chemical Parameters	SPOCAS			Inorganics	Volatile Aliphatic Hydrocarbons
					2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	pH KCl	Liming Rate	ANC Fineness Factor	pH (after HCL)	Cyclohexane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	pH Units	kg CaCO3/t	-	-	mg/kg
EQL					0.5	0.5	0.5	5	5	5	5	0.1	0.1	1	0.5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
	BW02	FLA_BW02_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	7	-	-	-	1.7	-
	BW04	FLA_BW04_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	8	-	-	-	5.3	-
	BW06	FLA_BW06_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	7.5	-	-	-	1.8	-
	BW08	FLA_BW08_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	5.2	-	-	-	1.8	-
	BW10	FLA_BW10_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.9	-	-	-	1.6	-
	BW12	FLA_BW12_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.5	-	-	-	1.6	-
	BW14	FLA_BW14_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.3	-	-	-	1.7	-
	BW16	FLA_BW16_0.25_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.7	-	-	-	1.6	-
	TP02	FLA_TP02_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.4	-	-	-	5.2	-
	TP02	FLA_TP02_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.7	-	-	-	1.9	-
	TP04	FLA_TP04_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.6	-	-	-	5.1	-
	TP04	FLA_TP04_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.3	-	-	-	1.8	-
	TP06	FLA_QC100_240807	7-Aug-24	Field_D	<0.5	<0.5	<0.5	<5	<5	<5	<5	4.2	-	-	-	1.6	-
	TP06	FLA_QC200_240807	7-Aug-24	Interlab_D	<1	<1	<1	-	-	-	-	4.2	-	-	-	-	<1
	TP06	FLA_TP06_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.8	-	-	-	8.4	-
	TP06	FLA_TP06_0.55_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	4.7	-	-	-	1.6	-
	TP07	FLA_TP07_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.6	-	-	-	6	-
	TP07	FLA_TP07_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	6	-	-	-	1.6	-
	TP09	FLA_TP09_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13	-	-	-	5.7	-
	TP09	FLA_TP09_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	6.8	-	-	-	1.6	-
	TP11	FLA_QC101_240808	8-Aug-24	Field_D	<0.5	<0.5	<0.5	<5	<5	<5	<5	5	-	-	-	1.6	-
	TP11	FLA_QC201_240808	8-Aug-24	Interlab_D	<1	<1	<1	-	-	-	-	6	-	-	-	-	<1
	TP11	FLA_TP11_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	14.2	-	-	-	5.8	-
	TP11	FLA_TP11_0.55_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	5.7	-	-	-	1.6	-
	TP14	FLA_QC102_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	5.2	-	-	-	1.6	-
	TP14	FLA_QC202_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	6.2	-	-	-	-	-
	TP14	FLA_TP14_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12	-	-	-	3.8	-
	TP14	FLA_TP14_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	4.8	-	-	-	1.6	-
	TP16	FLA_QC103_240808	8-Aug-24	Field_D	-	-	-	-	-	-	-	10.4	-	-	-	1.7	-
	TP16	FLA_QC203_240808	8-Aug-24	Interlab_D	-	-	-	-	-	-	-	12	-	-	-	-	-
	TP16	FLA_TP16_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.7	-	-	-	5.2	-
	TP16	FLA_TP16_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.4	-	-	-	1.7	-
	TP18	FLA_TP18_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	4.4	-	-	-	5.1	-
	TP18	FLA_TP18_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	3.4	-	-	-	1.5	-
	TP19	FLA_TP19_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13	-	-	-	5.4	-
	TP19	FLA_TP19_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	6.3	-	-	-	1.8	-
	TP21	FLA_TP21_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.8	-	-	-	5.4	-
	TP21	FLA_TP21_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	6.8	-	-	-	1.7	-
	TP23	FLA_TP23_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.1	-	-	-	7	-
	TP23	FLA_TP23_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.1	-	-	-	1.9	-
	TP26	FLA_TP26_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	15	-	-	-	5.1	-
	TP26	FLA_TP26_0.45_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.2	-	-	-	1.8	-
	TP28	FLA_TP28_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.2	-	-	-	3.4	-
	TP28	FLA_TP28_0.4_240805	5-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12	-	-	-	1.6	-
	TP30	FLA_TP30_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	6.2	-	-	-	6.4	-
	TP30	FLA_TP30_0.55_240807	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	3.8	-	-	-	1.5	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Fumigants			Oxygenated Compounds				Physio-Chemical Parameters	SPOCAS			Inorganics	Volatile Aliphatic Hydrocarbons
					2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	pH KCl	Liming Rate	ANC Fineness Factor	pH (after HCL)	Cyclohexane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	pH Units	kg CaCO3/t	-	-	mg/kg
EQL					0.5	0.5	0.5	5	5	5	5	0.1	0.1	1	0.5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
	TP31	FLA_TP31_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.4	-	-	-	5.1	-
	TP31	FLA_TP31_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.5	-	-	-	1.6	-
	TP33	FLA_TP33_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.1	-	-	-	2	-
	TP33	FLA_TP33_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.6	-	-	-	1.6	-
	TP35	FLA_TP35_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.7	-	-	-	6.3	-
DU13	TP35	FLA_TP35_0.45_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.1	-	-	-	1.6	-
DU13	TP38	FLA_TP38_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.8	-	-	-	5.5	-
DU13	TP38	FLA_TP38_0.35_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.6	-	-	-	3.6	-
DU13	TP40	FLA_TP40_0.1_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.1	-	-	-	5.1	-
DU13	TP40	FLA_TP40_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	7.7	-	-	-	3.4	-
DU13	TP42	FLA_TP42_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.8	-	-	-	3.8	-
DU13	TP42	FLA_TP42_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	8.5	-	-	-	1.8	-
DU13	TP43	FLA_TP43_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.4	-	-	-	3.4	-
DU13	TP43	FLA_TP43_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.9	-	-	-	3	-
DU13	TP45	FLA_TP45_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	13.8	-	-	-	5.8	-
DU13	TP45	FLA_TP45_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.8	-	-	-	1.8	-
DU13	TP47	FLA_TP47_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.5	-	-	-	6	-
DU13	TP47	FLA_TP47_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	10.3	-	-	-	1.8	-
DU13	TP50	FLA_TP50_0.1_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	16.1	-	-	-	5	-
DU13	TP50	FLA_TP50_0.4_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	11	-	-	-	1.6	-
DU13	TP52	FLA_TP52_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	15.3	-	-	-	5.3	-
DU13	TP52	FLA_TP52_0.4_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.6	-	-	-	3.2	-
DU13	TP54	FLA_TP54_0.3_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	19.7	-	-	-	1.6	-
DU13	TP54	FLA_TP54_0.5_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	9.8	-	-	-	1.7	-
DU13	TP55	FLA_TP55_0.3_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	14.6	-	-	-	5.5	-
DU13	TP55	FLA_TP55_0.5_240808	8-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.6	-	-	-	2	-
DU13	TP57	FLA_TP57_0.3_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.1	-	-	-	7.1	-
DU13	TP57	FLA_TP57_0.5_240809	9-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	12.3	-	-	-	1.9	-
DU13	TP59	FLA_TP59_0.1_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.7	-	-	-	5.3	-
DU13	TP59	FLA_TP59_0.4_240807	7-Aug-24	Normal	<0.5	<0.5	<0.5	<5	<5	<5	<5	11.6	-	-	-	3.3	-
DU13	2025c_BESS_TP01	BESS_TP01_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	7	-	-	-	-	-
DU13	2025c_BESS_TP02	BESS_ TP02_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	5.1	-	-	-	-	-
DU13	2025c_BESS_TP04	BESS_TP04_1.2	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	21.1	-	-	-	-	-
DU13	2025c_BESS_TP06	BESS_TP06_ 0.6	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	10.8	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_0.7	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	21.5	-	-	-	-	-
DU13	2025c_BESS_TP07	BESS_TP07_1.5	21-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	9.4	-	-	-	-	-
DU13	2025c_BESS_TP08	BESS_TP08_0.7-0,9	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	15.4	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.2	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	39.4	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6	20-Jan-25	Normal	<0.5	<0.5	<0.5	-	-	-	-	11.1	-	-	-	-	-
DU13	2025c_BESS_TP09	BESS_TP09_1.6-1.8_250120	20-Jan-25	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS01	FC_SS01	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	FC_SS02	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	FC_SS03	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	FC_SS04	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	FC_SS05	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	FC_SS06	24-Mar-21	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-

DU13 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Fumigants			Oxygenated Compounds				Physio-Chemical Parameters	SPOCAS			Inorganics	Volatile Aliphatic Hydrocarbons
					2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	pH KCl	Liming Rate	ANC Fineness Factor	pH (after HCL)	Cyclohexane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	pH Units	kg CaCO3/t	-	-	mg/kg
EQL					0.5	0.5	0.5	5	5	5	5	0.1	0.1	1	0.5	0.1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**													
DU13	**WSP2021d_FC_SS07**	**FC_SS07**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS09**	**FC_SS09**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS10**	**FC_SS10**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS11**	**FC_SS11**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS12**	**FC_SS12**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS13**	**FC_SS13**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS14**	**FC_SS14**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS15**	**FC_SS15**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU13	**WSP2021d_FC_SS16**	**FC_SS16**	**24-Mar-21**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 &

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU13 - 1d: Soil Analytical Results – PFAS Screening

																					Per- and Poly-fluoroalkyl Substar		
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.0005	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial									20[#1]		20[#1]							50				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU13	BW02	8-Aug-24	FLA_BW02_0.25_240808	Normal	-	<0.0002	-	<0.0002	-	0.0009	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	BW04	8-Aug-24	FLA_BW04_0.25_240808	Normal	-	<0.0002	-	0.0006	-	0.0016	-	-	<0.001	0.0003	<0.0002	0.0003	<0.0002	-	-	-	-
DU13	BW06	8-Aug-24	FLA_BW06_0.25_240808	Normal	-	<0.0002	-	0.0003	-	0.0007	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	BW08	8-Aug-24	FLA_BW08_0.25_240808	Normal	-	<0.0002	-	0.0003	-	0.0016	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	BW10	8-Aug-24	FLA_BW10_0.25_240808	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	BW12	8-Aug-24	FLA_BW12_0.25_240808	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	BW14	8-Aug-24	FLA_BW14_0.25_240808	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	BW16	8-Aug-24	FLA_BW16_0.25_240808	Normal	-	<0.0002	-	<0.0002	-	0.0009	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP02	8-Aug-24	FLA_TP02_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP02	8-Aug-24	FLA_TP02_0.5_240808	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP04	8-Aug-24	FLA_TP04_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0008	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP04	8-Aug-24	FLA_TP04_0.5_240808	Normal	-	<0.0002	-	<0.0002	-	0.0014	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP06	7-Aug-24	FLA_QC100_240807	Field_D	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP06	7-Aug-24	FLA_QC200_240807	Interlab_D	-	-	-	<0.0001	-	0.0002	-	-	-	-	-	-	0.0002	-	-	-	-
DU13	TP06	7-Aug-24	FLA_TP06_0.3_240807	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0002	-	-	-	-
DU13	TP06	7-Aug-24	FLA_TP06_0.55_240807	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP07	8-Aug-24	FLA_TP07_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP07	8-Aug-24	FLA_TP07_0.5_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP09	8-Aug-24	FLA_TP09_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP09	8-Aug-24	FLA_TP09_0.45_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP11	8-Aug-24	FLA_QC101_240808	Field_D	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP11	8-Aug-24	FLA_QC201_240808	Interlab_D	-	-	-	<0.0001	-	<0.0001	-	-	-	-	-	-	<0.0001	-	-	-	-
DU13	TP11	8-Aug-24	FLA_TP11_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP11	8-Aug-24	FLA_TP11_0.55_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP14	8-Aug-24	FLA_QC102_240808	Field_D	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP14	8-Aug-24	FLA_QC202_240808	Interlab_D	-	-	-	<0.0001	-	0.0003	-	-	-	-	-	-	<0.0001	-	-	-	-
DU13	TP14	8-Aug-24	FLA_TP14_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0011	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP14	8-Aug-24	FLA_TP14_0.45_240808	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP16	8-Aug-24	FLA_QC103_240808	Field_D	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP16	8-Aug-24	FLA_QC203_240808	Interlab_D	-	-	-	<0.0001	-	0.0004	-	-	-	-	-	-	0.0001	-	-	-	-
DU13	TP16	8-Aug-24	FLA_TP16_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP16	8-Aug-24	FLA_TP16_0.45_240808	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP18	7-Aug-24	FLA_TP18_0.1_240807	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP18	7-Aug-24	FLA_TP18_0.5_240807	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0002	-	-	-	-
DU13	TP19	8-Aug-24	FLA_TP19_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP19	8-Aug-24	FLA_TP19_0.5_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP21	8-Aug-24	FLA_TP21_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP21	8-Aug-24	FLA_TP21_0.35_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-

DU13 - 1d: Soil Analytical Results – PFAS Screening

																				Per- and Poly-fluoroalkyl Substar			
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.0005	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial									20[#1]		20[#1]							50				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU13	TP23	8-Aug-24	FLA_TP23_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0002	-	-	-	-
DU13	TP23	8-Aug-24	FLA_TP23_0.5_240808	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP26	8-Aug-24	FLA_TP26_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP26	8-Aug-24	FLA_TP26_0.45_240808	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP28	5-Aug-24	FLA_TP28_0.4_240805	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP28	8-Aug-24	FLA_TP28_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0003	-	-	-	-
DU13	TP30	7-Aug-24	FLA_TP30_0.1_240807	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0002	-	-	-	-
DU13	TP30	8-Aug-24	FLA_TP30_0.55_240807	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP31	8-Aug-24	FLA_TP31_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP31	8-Aug-24	FLA_TP31_0.4_240808	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP33	8-Aug-24	FLA_TP33_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP33	8-Aug-24	FLA_TP33_0.4_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP35	7-Aug-24	FLA_TP35_0.1_240807	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0004	-	-	-	-
DU13	TP35	7-Aug-24	FLA_TP35_0.45_240807	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP38	8-Aug-24	FLA_TP38_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0009	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0004	-	-	-	-
DU13	TP38	8-Aug-24	FLA_TP38_0.35_240808	Normal	-	<0.0002	-	0.0004	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0007	-	-	-	-
DU13	TP40	9-Aug-24	FLA_TP40_0.1_240809	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP40	9-Aug-24	FLA_TP40_0.4_240809	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP42	7-Aug-24	FLA_TP42_0.3_240807	Normal	-	<0.0002	-	0.0015	-	0.0073	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0004	-	-	-	-
DU13	TP42	7-Aug-24	FLA_TP42_0.5_240807	Normal	-	<0.0002	-	<0.0002	-	0.0011	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP43	8-Aug-24	FLA_TP43_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	0.0003	-	-	-	-
DU13	TP43	8-Aug-24	FLA_TP43_0.4_240808	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP45	8-Aug-24	FLA_TP45_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP45	8-Aug-24	FLA_TP45_0.4_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP47	7-Aug-24	FLA_TP47_0.1_240807	Normal	-	<0.0002	-	<0.0002	-	0.001	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP47	7-Aug-24	FLA_TP47_0.4_240807	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP50	8-Aug-24	FLA_TP50_0.1_240808	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP50	8-Aug-24	FLA_TP50_0.4_240808	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP52	9-Aug-24	FLA_TP52_0.3_240809	Normal	-	<0.0002	-	<0.0002	-	0.0092	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP52	9-Aug-24	FLA_TP52_0.4_240809	Normal	-	<0.0002	-	<0.0002	-	0.0015	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP54	7-Aug-24	FLA_TP54_0.3_240807	Normal	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP54	7-Aug-24	FLA_TP54_0.5_240807	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP55	8-Aug-24	FLA_TP55_0.3_240808	Normal	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP55	8-Aug-24	FLA_TP55_0.5_240808	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP57	9-Aug-24	FLA_TP57_0.3_240809	Normal	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP57	9-Aug-24	FLA_TP57_0.5_240809	Normal	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP59	7-Aug-24	FLA_TP59_0.1_240807	Normal	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	TP59	7-Aug-24	FLA_TP59_0.4_240807	Normal	-	<0.0002	-	<0.0002	-	0.0006	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-

DU13 - 1d: Soil Analytical Results – PFAS Screening

																			Per- and Poly-fluoroalkyl Substar		
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptanesulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecanesulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.0005	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial									20[#1]		20[#1]							50				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU13	**2025c_BESS_TP01**	**21-Jan-25**	**BESS_TP01_1.5**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP02**	**21-Jan-25**	**BESS_ TP02_1.2**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP04**	**21-Jan-25**	**BESS_TP04_1.2**	**Normal**	-	<0.0002	-	<0.0002	-	0.0004	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP06**	**21-Jan-25**	**BESS_TP06_ 0.6**	**Normal**	-	<0.0002	-	<0.0002	-	0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP07**	**20-Jan-25**	**BESS_TP07_0.7**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP07**	**21-Jan-25**	**BESS_TP07_1.5**	**Normal**	-	<0.0002	-	<0.0002	-	0.0003	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP08**	**20-Jan-25**	**BESS_TP08_0.7-0,9**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP09**	**20-Jan-25**	**BESS_TP09_1.2**	**Normal**	-	<0.0002	-	<0.0002	-	0.0005	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-
DU13	**2025c_BESS_TP09**	**20-Jan-25**	**BESS_TP09_1.6**	**Normal**	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU13 - 1d: Soil Analytical Results – PFAS Screening

					nces																	
					Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of US EPA PFAS (PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0001	0.0002	0.0005	0.0001	0.0001	0.0002	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial																		20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU13	BW02	8-Aug-24	FLA_BW02_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0009	-	0.0009	-
DU13	BW04	8-Aug-24	FLA_BW04_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0022	-	0.0028	-
DU13	BW06	8-Aug-24	FLA_BW06_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.001	-	0.001	-
DU13	BW08	8-Aug-24	FLA_BW08_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0019	-	0.0019	-
DU13	BW10	8-Aug-24	FLA_BW10_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0005	-
DU13	BW12	8-Aug-24	FLA_BW12_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0005	-
DU13	BW14	8-Aug-24	FLA_BW14_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	-	0.0006	-
DU13	BW16	8-Aug-24	FLA_BW16_0.25_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0009	-	0.0009	-
DU13	TP02	8-Aug-24	FLA_TP02_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP02	8-Aug-24	FLA_TP02_0.5_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP04	8-Aug-24	FLA_TP04_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	-	0.0008	-
DU13	TP04	8-Aug-24	FLA_TP04_0.5_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	-	0.0014	-
DU13	TP06	7-Aug-24	FLA_QC100_240807	Field_D	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP06	7-Aug-24	FLA_QC200_240807	Interlab_D	-	-	-	-	-	-	-	-	-	-	<0.0001	<0.0002	-	0.0002	0.0004	-	0.0004
DU13	TP06	7-Aug-24	FLA_TP06_0.3_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0007	-
DU13	TP06	7-Aug-24	FLA_TP06_0.55_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP07	8-Aug-24	FLA_TP07_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	TP07	8-Aug-24	FLA_TP07_0.5_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP09	8-Aug-24	FLA_TP09_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP09	8-Aug-24	FLA_TP09_0.45_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP11	8-Aug-24	FLA_QC101_240808	Field_D	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP11	8-Aug-24	FLA_QC201_240808	Interlab_D	-	-	-	-	-	-	-	-	-	-	<0.0001	<0.0002	-	<0.0001	<0.0001	-	<0.0001
DU13	TP11	8-Aug-24	FLA_TP11_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	TP11	8-Aug-24	FLA_TP11_0.55_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP14	8-Aug-24	FLA_QC102_240808	Field_D	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP14	8-Aug-24	FLA_QC202_240808	Interlab_D	-	-	-	-	-	-	-	-	-	-	<0.0001	<0.0002	-	0.0003	0.0003	-	0.0003
DU13	TP14	8-Aug-24	FLA_TP14_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	-	0.0011	-
DU13	TP14	8-Aug-24	FLA_TP14_0.45_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP16	8-Aug-24	FLA_QC103_240808	Field_D	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0005	-
DU13	TP16	8-Aug-24	FLA_QC203_240808	Interlab_D	-	-	-	-	-	-	-	-	-	-	<0.0001	<0.0002	-	0.0004	0.0005	-	0.0005
DU13	TP16	8-Aug-24	FLA_TP16_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	-	0.0006	-
DU13	TP16	8-Aug-24	FLA_TP16_0.45_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	TP18	7-Aug-24	FLA_TP18_0.1_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP18	7-Aug-24	FLA_TP18_0.5_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	0.0002	-
DU13	TP19	8-Aug-24	FLA_TP19_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP19	8-Aug-24	FLA_TP19_0.5_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP21	8-Aug-24	FLA_TP21_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	TP21	8-Aug-24	FLA_TP21_0.35_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-

DU13 - 1d: Soil Analytical Results – PFAS Screening

	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of US EPA PFAS (PFOS + PFOA)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0001	0.0002	0.0005	0.0001	0.0001	0.0002	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial														20			

Monitoring Zone	Location Code	Date	Field ID	Sample Type																	
DU13	TP23	8-Aug-24	FLA_TP23_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	-	0.0008	-
DU13	TP23	8-Aug-24	FLA_TP23_0.5_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP26	8-Aug-24	FLA_TP26_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP26	8-Aug-24	FLA_TP26_0.45_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP28	5-Aug-24	FLA_TP28_0.4_240805	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP28	8-Aug-24	FLA_TP28_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	-	0.0009	-
DU13	TP30	7-Aug-24	FLA_TP30_0.1_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0004	-
DU13	TP30	8-Aug-24	FLA_TP30_0.55_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP31	8-Aug-24	FLA_TP31_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP31	8-Aug-24	FLA_TP31_0.4_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP33	8-Aug-24	FLA_TP33_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP33	8-Aug-24	FLA_TP33_0.4_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP35	7-Aug-24	FLA_TP35_0.1_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	-	0.001	-
DU13	TP35	7-Aug-24	FLA_TP35_0.45_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP38	8-Aug-24	FLA_TP38_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0009	-	0.0013	-
DU13	TP38	8-Aug-24	FLA_TP38_0.35_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0009	-	0.0016	-
DU13	TP40	9-Aug-24	FLA_TP40_0.1_240809	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP40	9-Aug-24	FLA_TP40_0.4_240809	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	TP42	7-Aug-24	FLA_TP42_0.3_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0088	-	0.0092	-
DU13	TP42	7-Aug-24	FLA_TP42_0.5_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0011	-	0.0011	-
DU13	TP43	8-Aug-24	FLA_TP43_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0007	-
DU13	TP43	8-Aug-24	FLA_TP43_0.4_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP45	8-Aug-24	FLA_TP45_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0005	-
DU13	TP45	8-Aug-24	FLA_TP45_0.4_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP47	7-Aug-24	FLA_TP47_0.1_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.001	-	0.001	-
DU13	TP47	7-Aug-24	FLA_TP47_0.4_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	TP50	8-Aug-24	FLA_TP50_0.1_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP50	8-Aug-24	FLA_TP50_0.4_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP52	9-Aug-24	FLA_TP52_0.3_240809	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	0.0021	<0.0005	0.0092	-	0.0113	-
DU13	TP52	9-Aug-24	FLA_TP52_0.4_240809	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0015	-	0.0015	-
DU13	TP54	7-Aug-24	FLA_TP54_0.3_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	TP54	7-Aug-24	FLA_TP54_0.5_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP55	8-Aug-24	FLA_TP55_0.3_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0005	-
DU13	TP55	8-Aug-24	FLA_TP55_0.5_240808	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP57	9-Aug-24	FLA_TP57_0.3_240809	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	TP57	9-Aug-24	FLA_TP57_0.5_240809	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	TP59	7-Aug-24	FLA_TP59_0.1_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	TP59	7-Aug-24	FLA_TP59_0.4_240807	Normal	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	-	0.0006	-

DU13 - 1d: Soil Analytical Results – PFAS Screening

					nces																
					Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of US EPA PFAS (PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0001	0.0002	0.0005	0.0001	0.0001	0.0002	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial																		20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU13	**2025c_BESS_TP01**	**21-Jan-25**	**BESS_TP01_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	**2025c_BESS_TP02**	**21-Jan-25**	**BESS_ TP02_1.2**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	**2025c_BESS_TP04**	**21-Jan-25**	**BESS_TP04_1.2**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-	0.0004	-
DU13	**2025c_BESS_TP06**	**21-Jan-25**	**BESS_TP06_ 0.6**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-	0.0002	-
DU13	**2025c_BESS_TP07**	**20-Jan-25**	**BESS_TP07_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	**2025c_BESS_TP07**	**21-Jan-25**	**BESS_TP07_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-	0.0003	-
DU13	**2025c_BESS_TP08**	**20-Jan-25**	**BESS_TP08_0.7-0,9**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-
DU13	**2025c_BESS_TP09**	**20-Jan-25**	**BESS_TP09_1.2**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-	0.0005	-
DU13	**2025c_BESS_TP09**	**20-Jan-25**	**BESS_TP09_1.6**	**Normal**	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-	<0.0002	-

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU13 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos						
					Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Asbestos fibres
					-	%(w/w)	g	% w/w	% (w/w)	g/kg	-
EQL						0.001		0.01		0.1	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil									0.001		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU13	BW01	8-Aug-24	FLA_BW01_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW02	8-Aug-24	FLA_BW02_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW03	8-Aug-24	FLA_BW03_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW04	8-Aug-24	FLA_BW04_0.25_240808	Normal	-	-	0.0001	<0.01	<0.001	<0.1	0
DU13	BW05	8-Aug-24	FLA_BW05_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW06	8-Aug-24	FLA_BW06_0.25_240808	Normal	-	-	0.001	<0.01	<0.001	<0.1	0
DU13	BW07	8-Aug-24	FLA_BW07_0.25_240808	Normal	-	-	0.0013	<0.01	<0.001	<0.1	0
DU13	BW08	8-Aug-24	FLA_BW08_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW09	8-Aug-24	FLA_BW09_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW10	8-Aug-24	FLA_BW10_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW11	8-Aug-24	FLA_BW11_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW12	8-Aug-24	FLA_BW12_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW13	8-Aug-24	FLA_BW13_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW14	8-Aug-24	FLA_BW14_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW15	8-Aug-24	FLA_BW15_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	BW16	8-Aug-24	FLA_BW16_0.25_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP01	8-Aug-24	FLA_TP01_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP02	8-Aug-24	FLA_TP02_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP02	8-Aug-24	FLA_TP02_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP02	8-Aug-24	FLA_TP02_0.5_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP03	7-Aug-24	FLA_TP03_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP04	8-Aug-24	FLA_TP04_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP04	8-Aug-24	FLA_TP04_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP04	8-Aug-24	FLA_TP04_0.5_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP05	7-Aug-24	FLA_TP05_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0

DU13 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos						
					Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Asbestos fibres
					-	%(w/w)	g	% w/w	% (w/w)	g/kg	-
EQL						0.001		0.01		0.1	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil									0.001		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU13	TP06	7-Aug-24	FLA_TP06_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP06	7-Aug-24	FLA_TP06_0.3_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP06	7-Aug-24	FLA_TP06_0.55_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP07	8-Aug-24	FLA_TP07_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP07	8-Aug-24	FLA_TP07_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP07	8-Aug-24	FLA_TP07_0.5_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP08	7-Aug-24	FLA_TP08_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP09	8-Aug-24	FLA_TP09_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP09	8-Aug-24	FLA_TP09_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP09	8-Aug-24	FLA_TP09_0.45_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP10	7-Aug-24	FLA_TP10_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP11	7-Aug-24	FLA_TP11_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP11	8-Aug-24	FLA_TP11_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP11	8-Aug-24	FLA_TP11_0.55_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP12	7-Aug-24	FLA_TP12_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP13	8-Aug-24	FLA_TP13_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP14	8-Aug-24	FLA_TP14_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP14	8-Aug-24	FLA_TP14_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP14	8-Aug-24	FLA_TP14_0.45_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP15	7-Aug-24	FLA_TP15_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP16	8-Aug-24	FLA_TP16_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP16	8-Aug-24	FLA_TP16_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP16	8-Aug-24	FLA_TP16_0.45_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP17	7-Aug-24	FLA_TP17_0.1_240807	Normal	-	-	0.0011	<0.01	<0.001	<0.1	0
DU13	TP18	7-Aug-24	FLA_TP18_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0

DU13 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos						
					Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Asbestos fibres
					-	%(w/w)	g	% w/w	% (w/w)	g/kg	-
EQL						0.001		0.01		0.1	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil									0.001		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU13	TP18	7-Aug-24	FLA_TP18_0.3_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP18	7-Aug-24	FLA_TP18_0.5_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP19	8-Aug-24	FLA_TP19_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP19	8-Aug-24	FLA_TP19_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP19	8-Aug-24	FLA_TP19_0.5_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP20	9-Aug-24	FLA_TP20_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP21	8-Aug-24	FLA_TP21_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP21	8-Aug-24	FLA_TP21_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP21	8-Aug-24	FLA_TP21_0.35_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP22	7-Aug-24	FLA_TP22_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP23	8-Aug-24	FLA_TP23_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP23	8-Aug-24	FLA_TP23_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP23	8-Aug-24	FLA_TP23_0.5_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP24	7-Aug-24	FLA_TP24_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP25	9-Aug-24	FLA_TP25_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP26	8-Aug-24	FLA_TP26_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP26	8-Aug-24	FLA_TP26_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP26	8-Aug-24	FLA_TP26_0.45_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP27	7-Aug-24	FLA_TP27_0.1_240807	Normal	-	-	0.0001	<0.01	<0.001	<0.1	0
DU13	TP28	5-Aug-24	FLA_TP28_0.4_240805	Normal	-	-	0.0037	<0.01	<0.001	<0.1	0
DU13	TP28	8-Aug-24	FLA_TP28_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP28	8-Aug-24	FLA_TP28_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP29	7-Aug-24	FLA_TP29_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP30	7-Aug-24	FLA_TP30_0.1_240807	Normal	-	-	0.0194	<0.01	0.0021	<0.1	0
DU13	TP30	7-Aug-24	FLA_TP30_0.3_240807	Normal	-	-	0.0026	<0.01	<0.001	<0.1	0

DU13 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos						
					Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Asbestos fibres
					-	%(w/w)	g	% w/w	% (w/w)	g/kg	-
EQL						0.001		0.01		0.1	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil									0.001		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU13	TP30	7-Aug-24	FLA_TP30_0.55_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP31	8-Aug-24	FLA_TP31_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP31	8-Aug-24	FLA_TP31_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP31	8-Aug-24	FLA_TP31_0.4_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP32	9-Aug-24	FLA_TP32_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP33	8-Aug-24	FLA_TP33_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP33	8-Aug-24	FLA_TP33_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP33	8-Aug-24	FLA_TP33_0.4_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP34	7-Aug-24	FLA_TP34_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP35	7-Aug-24	FLA_TP35_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP35	7-Aug-24	FLA_TP35_0.3_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP35	7-Aug-24	FLA_TP35_0.45_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP36	7-Aug-24	FLA_TP36_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP37	9-Aug-24	FLA_TP37_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP38	8-Aug-24	FLA_TP38_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP38	8-Aug-24	FLA_TP38_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP38	8-Aug-24	FLA_TP38_0.35_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP39	9-Aug-24	FLA_TP39_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP40	9-Aug-24	FLA_TP40_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP40	9-Aug-24	FLA_TP40_0.3_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP40	9-Aug-24	FLA_TP40_0.4_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP41	7-Aug-24	FLA_TP41_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP42	7-Aug-24	FLA_TP42_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP42	7-Aug-24	FLA_TP42_0.3_240807	Normal	-	-	0.0041	<0.01	<0.001	<0.1	0
DU13	TP42	7-Aug-24	FLA_TP42_0.5_240807	Normal	-	-	0.0002	<0.01	<0.001	<0.1	0

DU13 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos						
					Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Asbestos fibres
					-	%(w/w)	g	% w/w	% (w/w)	g/kg	-
EQL						0.001		0.01		0.1	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil									0.001		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU13	TP43	8-Aug-24	FLA_TP43_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP43	8-Aug-24	FLA_TP43_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP43	8-Aug-24	FLA_TP43_0.4_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP44	9-Aug-24	FLA_TP44_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP45	8-Aug-24	FLA_TP45_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP45	8-Aug-24	FLA_TP45_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP45	8-Aug-24	FLA_TP45_0.4_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP46	9-Aug-24	FLA_TP46_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP47	7-Aug-24	FLA_TP47_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP47	7-Aug-24	FLA_TP47_0.3_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP47	7-Aug-24	FLA_TP47_0.4_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP48	7-Aug-24	FLA_TP48_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP49	9-Aug-24	FLA_TP49_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP50	8-Aug-24	FLA_TP50_0.1_240808	Normal	-	-	0.0005	<0.01	<0.001	<0.1	0
DU13	TP50	8-Aug-24	FLA_TP50_0.3_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP50	8-Aug-24	FLA_TP50_0.4_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP51	9-Aug-24	FLA_TP51_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP52	9-Aug-24	FLA_TP52_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP52	9-Aug-24	FLA_TP52_0.3_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP52	9-Aug-24	FLA_TP52_0.4_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP53	7-Aug-24	FLA_TP53_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP54	7-Aug-24	FLA_TP54_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP54	7-Aug-24	FLA_TP54_0.3_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP54	7-Aug-24	FLA_TP54_0.5_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP55	8-Aug-24	FLA_TP55_0.1_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0

DU13 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos						
					Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Asbestos fibres
					-	%(w/w)	g	% w/w	% (w/w)	g/kg	-
EQL						0.001		0.01		0.1	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil									0.001		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU13	TP55	8-Aug-24	FLA_TP55_0.3_240808	Normal	-	-	0.0038	<0.01	<0.001	<0.1	0
DU13	TP55	8-Aug-24	FLA_TP55_0.5_240808	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP56	9-Aug-24	FLA_TP56_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP57	9-Aug-24	FLA_TP57_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP57	9-Aug-24	FLA_TP57_0.3_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP57	9-Aug-24	FLA_TP57_0.5_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP58	9-Aug-24	FLA_TP58_0.1_240809	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP59	7-Aug-24	FLA_TP59_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP59	7-Aug-24	FLA_TP59_0.3_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP59	7-Aug-24	FLA_TP59_0.4_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	TP60	7-Aug-24	FLA_TP60_0.1_240807	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	2025c_BESS_TP01	21-Jan-25	BESS_TP01_1.2-1.8_250121	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	2025c_BESS_TP03	21-Jan-25	BESS_TP03_0.0-0.30_250121	Normal	-	-	0.0009	<0.01	<0.001	<0.1	0
DU13	2025c_BESS_TP03	21-Jan-25	BESS_TP03_0.3-0.45_250121	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	2025c_BESS_TP04	21-Jan-25	BESS_TP04_0.6-0.9_250121	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	2025c_BESS_TP06	21-Jan-25	BESS_TP06_0.5-0.8_250121	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	2025c_BESS_TP07	20-Jan-25	BESS_TP07_0.3-0.9_250120	Normal	-	-	0[#1]	<0.01	<0.001	<0.1	0
DU13	WSP2021d_FC_SS01	24-Mar-21	FC_SS01	Normal	11	-	-	-	-	-	-
DU13	WSP2021d_FC_SS02	24-Mar-21	FC_SS02	Normal	11	-	-	-	-	-	-
DU13	WSP2021d_FC_SS03	24-Mar-21	FC_SS03	Normal	11	-	-	-	-	-	-
DU13	WSP2021d_FC_SS04	24-Mar-21	FC_SS04	Normal	11	-	-	-	-	-	-
DU13	WSP2021d_FC_SS05	24-Mar-21	FC_SS05	Normal	11	-	-	-	-	-	-
DU13	WSP2021d_FC_SS06	24-Mar-21	FC_SS06	Normal	12	-	-	-	-	-	-
DU13	WSP2021d_FC_SS07	24-Mar-21	FC_SS07	Normal	11	-	-	-	-	-	-
DU13	WSP2021d_FC_SS09	24-Mar-21	FC_SS09	Normal	11	-	-	-	-	-	-
DU13	WSP2021d_FC_SS10	24-Mar-21	FC_SS10	Normal	11	-	-	-	-	-	-

DU13 - 1e: Soil Analytical Results – Asbestos Screening

						Asbestos							
						Asbestos Detected	FA and AF Estimation*		Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	Asbestos Detected (Type)	Asbestos fibres
						-	%(w/w)	g	% w/w	% (w/w)	g/kg	-
EQL							0.001		0.01		0.1	
NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil										0.001		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU13	**WSP2021d_FC_SS11**	**24-Mar-21**	**FC_SS11**	**Normal**	11	-	-	-	-	-	-	
DU13	**WSP2021d_FC_SS12**	**24-Mar-21**	**FC_SS12**	**Normal**	11	-	-	-	-	-	-	
DU13	**WSP2021d_FC_SS13**	**24-Mar-21**	**FC_SS13**	**Normal**	11	-	-	-	-	-	-	
DU13	**WSP2021d_FC_SS14**	**24-Mar-21**	**FC_SS14**	**Normal**	11	-	-	-	-	-	-	
DU13	**WSP2021d_FC_SS15**	**24-Mar-21**	**FC_SS15**	**Normal**	11	-	-	-	-	-	-	
DU13	**WSP2021d_FC_SS16**	**24-Mar-21**	**FC_SS16**	**Normal**	11	-	-	-	-	-	-	

Comments

#1 –

Environmental Standards

NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU14 - 1a: Historical Exceedances

Legend:

Asbestos detection

DU14 - 1b: Soil Analytical Results – Human Health Screening

						Total Recoverable Hydrocarbons							Total Petroleum Hydrc		
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						20	20	50	50	100	100	100	20	20	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand															
>=0m, <1m							260 [#1]	NL [#2]							
>=1m, <2m							370	NL							
>=2m, <4m							630	NL							
>=4m							NL [#2]	NL							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand															
>=0m, <2m							**NL**	**NL**							
>=2m, <4m							**NL**	**NL**							
>=4m							**NL**	**NL**							
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP															
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**		<20	<20	<50	<50	180	<100	180	<20	<20	77
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**		<20	<20	<50	<50	310	150	460	<20	23	190
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**		<20	<20	<50	<50	<100	<100	<100	<20	<20	<50

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).

#4 Guideline value for 'Chromium (VI)' adopted

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrc		
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	20	20	50	50	100	100	100	20	20	50
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand										
>=0m, <1m		260 [#1]	NL [#2]							
>=1m, <2m		370	NL							
>=2m, <4m		630	NL							
>=4m		NL [#2]	NL							
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand										
>=0m, <2m		**NL**	**NL**							
>=2m, <4m		**NL**	**NL**							
>=4m		**NL**	**NL**							
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP										

Monitoring Zone **Location Code** **Date** **Field ID** **Sample Type**

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Hydrocarbons		Metals								
	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	50	50	2	0.4	5	5	5	0.1	5	5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											3
>=1m, <2m											3
>=2m, <4m											3
>=4m											3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											**77**
>=2m, <4m											**160**
>=4m											**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP											5.1[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<50	<50	3.1	<0.4	9.8	17	31	0.3	18	110	<0.1
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<50	<50	2.5	<0.4	12	32	14	0.6	30	92	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	70	70	4.8	0.6	11	33	26	0.1	12	220	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<50	<50	3.2	<0.4	7.2	58	15	0.1	8.8	120	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<50	<50	3.5	<0.4	31	200	160	0.2	23	1,600.0	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<50	<50	2.2	<0.4	<5	<5	<5	<0.1	<5	13	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<50	<50	<2	<0.4	<5	<5	<5	<0.1	<5	8.9	<0.1
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<50	<50	2.5	<0.4	13	77	47	<0.1	35	760	<0.1
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<50	<50	3.2	<0.4	11	19	7.7	0.1	37	61	<0.1
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	140	217	4.3	0.7	59	450	460	0.8	45	4,400.0	<0.1
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	170	383	6.0	<0.4	59	410	370	0.6	45	3,500.0	<0.1
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	80	80	2.2	<0.4	14	75	64	0.2	20	550	<0.1
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<50	<50	6.1	<0.4	18	170	140	0.5	31	1,100.0	<0.1
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<50	<50	2.8	<0.4	23	80	33	0.5	73	650	<0.1
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<50	<50	5.4	<0.4	<5	<5	<5	0.2	<5	<5	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	carbons		Metals								
	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	50	50	2	0.4	5	5	5	0.1	5	5	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											3
>=1m, <2m											3
>=2m, <4m											3
>=4m											3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]	6,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											**77**
>=2m, <4m											**160**
>=4m											**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP											5.1[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons								
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m					NL [#2]	NL [#2]			230				NL [#2]
>=1m, <2m					NL	NL			NL [#2]				NL
>=2m, <4m					NL	NL			NL				NL
>=4m					NL	NL			NL				NL
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										40 [#7]	40 [#7]	40 [#7]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m					**NL**	**NL**			**NL**				
>=2m, <4m					**NL**	**NL**			**NL**				
>=4m					**NL**	**NL**			**NL**				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					47,000 [#9]	25 [#9]		2,800 [#9]	2,500 [#9]				8.6 [#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref

#4 Guideline value for 'Chromium (VI)' adopted

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Monocyclic Aromatic Hydrocarbons								
	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand									
>=0m, <1m	NL [#2]	NL [#2]			230				NL [#2]
>=1m, <2m	NL	NL			NL [#2]				NL
>=2m, <4m	NL	NL			NL				NL
>=4m	NL	NL			NL				NL
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						40 [#7]	40 [#7]	40 [#7]	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand									
>=0m, <2m	**NL**	**NL**			**NL**				
>=2m, <4m	**NL**	**NL**			**NL**				
>=4m	**NL**	**NL**			**NL**				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	47,000 [#9]	25 [#9]		2,800 [#9]	2,500 [#9]				8.6 [#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons						
		Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m						NL					
>=1m, <2m						NL					
>=2m, <4m						NL					
>=4m						NL					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m						**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP			45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**							
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref

#4 Guideline value for 'Chromium (VI)' adopted

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Polynuclear Aromatic Hydrocarbons									
	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand										
>=0m, <1m					NL					
>=1m, <2m					NL					
>=2m, <4m					NL					
>=4m					NL					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand										
>=0m, <2m										
>=2m, <4m										
>=4m					**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP		45,000[#9]	230,000[#9]	30,000[#9]			30,000[#9]	21[#9]	210[#9]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							4,000[#8]		240,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]				5,800[#9]	41,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							4,000[#8]		240,000		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#9]	2,100[#9]	23,000[#9]		2.1[#9]	21[#9]				5,800[#9]	41,000[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

						Phenolic Compounds					
	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	1	0.5	0.5	0.5	1	1	1	5	1	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	25,000									660	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		1,600[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.5	<1	<0.5	<0.5	<0.5	<1	<1	<1	<5	<1	<5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Phenolic Compounds										
	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	1	0.5	0.5	0.5	1	1	1	5	1	5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	25,000									660	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP			2,500[#9]	16,000[#9]		82,000[#9]	210[#9]	82,000[#9]	66[#9]		1,600[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

						NA	Polychlorinated Biphenyls					
	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	p,p-DDE	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	20	5	10	1	20	0.05	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	1,600[#9]							27[#9]	0.83[#9]	0.72[#9]	0.95[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<20	<5	<10	<1	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

						NA	Polychlorinated Biphenyls				
	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	p,p-DDE	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	20	5	10	1	20	0.05	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	1,600[#9]							27[#9]	0.83[#9]	0.72[#9]	0.95[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen

#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH

#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m

#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											2,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.1	<0.1	<0.1	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref

#4 Guideline value for 'Chromium (VI)' adopted

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											2,000
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	0.94[#9]	0.97[#9]	0.99[#9]				600[#9]		2,500[#9]	570[#9]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

											Organophosphorus Pesticides (OP)		
							Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							8,200[#9]				570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**			<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Organophosphorus Pesticides (OP)										
	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	8,200[#9]				570[#9]	7.9[#9]	1,800[#9]	33[#9]	8.2[#9]	410[#9]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				16,000[#9]	35[#9]		2,300[#9]	4,900[#9]	210[#9]	160[#9]	58,000[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref

#4 Guideline value for 'Chromium (VI)' adopted

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				16,000[#9]	35[#9]		2,300[#9]	4,900[#9]	210[#9]	160[#9]	58,000[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorous Pesticides						
			Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Total Organophosphorous Pesticides	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
			mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.2	0.2	0.2	0.2	200	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m												
>=1m, <2m												
>=2m, <4m												
>=4m												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m												
>=2m, <4m												
>=4m												
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				29[#9]				0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	0.12	0.12	<0.05	<0.05
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	ND	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref

#4 Guideline value for 'Chromium (VI)' adopted

#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorous Pesticides					
	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Total Organophosphorous Pesticides	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.2	200	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand										
>=0m, <1m										
>=1m, <2m										
>=2m, <4m										
>=4m										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand										
>=0m, <2m										
>=2m, <4m										
>=4m										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP		29[#9]				0.18[#9]	0.14[#9]		0.36[#9]	1.3[#9]

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

						Organochlorine Pesticides (OC)						
	d-BHC	g-BHC (Lindane)	DDD	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					3,600				100		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP		2.5[#9]	9.6[#9]	8.5[#9]				4,900[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

	Organochlorine Pesticides (OC)										
	d-BHC	g-BHC (Lindane)	DDD	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand											
>=0m, <1m											
>=1m, <2m											
>=2m, <4m											
>=4m											
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					3,600				100		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand											
>=0m, <2m											
>=2m, <4m											
>=4m											
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP		2.5[#9]	9.6[#9]	8.5[#9]				4,900[#9]			

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 1b: Soil Analytical Results – Human Health Screening

								Organochlorine Pesticides	
		Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Other organochlorine pesticides (sum)	Chlordane Total	Total Organochlorine Pesticides
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand									
>=0m, <1m									
>=1m, <2m									
>=2m, <4m									
>=4m									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand									
>=0m, <2m									
>=2m, <4m									
>=4m									
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP			0.33[#9]			2.1[#9]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	0.17
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_1.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.1	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (ref
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioa

DU14 - 1b: Soil Analytical Results – Human Health Screening

							Organochlorine Pesticides	
	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Other organochlorine pesticides (sum)	Chlordane Total	Total Organochlorine Pesticides
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand								
>=0m, <1m								
>=1m, <2m								
>=2m, <4m								
>=4m								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	50		80	2,500	160			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand								
>=0m, <2m								
>=2m, <4m								
>=4m								
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP		0.33[#9]			2.1[#9]			

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is presen
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should m
#9 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons			
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	20	50	50	100	100	100	20	20	50	50
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	70
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	180	<100	180	<20	<20	77	140
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	310	150	460	<20	23	190	170
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	80
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

						Metals									Mon	
					C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Benzene	Toluene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					50	2	0.4	5	5	5	0.1	5	5	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<50	3.1	<0.4	9.8	17	31	0.3	18	110	<0.1	<0.1
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<50	2.5	<0.4	12	32	14	0.6	30	92	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	70	4.8	0.6	11	33	26	0.1	12	220	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<50	3.2	<0.4	7.2	58	15	0.1	8.8	120	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<50	3.5	<0.4	31	200	160	0.2	23	1,600.0	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<50	2.2	<0.4	<5	<5	<5	<0.1	<5	13	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<50	<2	<0.4	<5	<5	<5	<0.1	<5	8.9	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<50	2.5	<0.4	13	77	47	<0.1	35	760	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<50	3.2	<0.4	11	19	7.7	0.1	37	61	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	217	4.3	0.7	59	450	460	0.8	45	4,400.0	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	383	6.0	<0.4	59	410	370	0.6	45	3,500.0	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	80	2.2	<0.4	14	75	64	0.2	20	550	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<50	6.1	<0.4	18	170	140	0.5	31	1,100.0	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<50	2.8	<0.4	23	80	33	0.5	73	650	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<50	5.4	<0.4	<5	<5	<5	0.2	<5	<5	<0.1	<0.1

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtai

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					ocyclic Aromatic Hydrocarbons										
					Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**27,000**			**81,000**				**11,000**			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*85,000*			*130,000*							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.1	<0.2	<0.1	<0.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtai

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Polynuclear Aromatic Hydrocarbons										
					Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Chrysene	Pyrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtai

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.4	0.5	0.5	0.2	0.5	1	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.5	<0.5	<0.5	<0.4	<0.5	<0.5	<0.2	<0.5	<1	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtai

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Phenolic Compounds										
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Tetrachlorophenols	Sum of Phenols (halogenated)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	1	1	1	5	1	5	20	5	10	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.5	<1	<1	<1	<5	<1	<5	<20	<5	<10	<1

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtai

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					NA	Polychlorinated Biphenyls								
					Sum of Phenols (non-halogenated)	p,p-DDE	Total PCBs	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					20	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<20	<0.05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
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CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)										
					Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Comments

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Environmental Standards

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CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorous Pesticides									
					Total Organophosphorous Pesticides	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	DDD	DDT
					µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					200	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil														
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**										
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	ND	<0.05	0.12	0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	ND	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)										
					DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)															
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**											
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 3c: Soil Analytical Results – Direct Contact and Management Screening

							Organochlorine Pesticides	
					Toxaphene	Other organochlorine pesticides (sum)	Chlordane Total	Total Organochlorine Pesticides
					mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**				
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	0.17
DU14	**WSP2025c_FTA-MW09**	**FTA-MW09_0.3**	**31 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW10**	**FTA-MW10_0.5**	**31 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW12**	**FTA-MW12_1.5**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW13**	**FTA-MW13_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW14**	**FTA-MW14_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.1**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW15**	**FTA-MW15_0.5**	**30 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.1**	**31 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1
DU14	**WSP2025c_FTA-MW16**	**FTA-MW16_0.5**	**31 Oct 2024**	**Normal**	<0.5	<0.1	<0.1	<0.1

Comments

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Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
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CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.0002	0.001	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA24-HA01	30 Oct 2024	FTA24-HA01_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.2	Normal	-	-	-	-	-	0.113	-	-	-	-
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.5	Normal	-	-	-	-	-	0.017	-	-	-	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_0.5	Normal	-	-	-	-	-	<0.0005	-	-	-	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_1	Normal	-	-	-	-	-	0.0013	-	-	-	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_0.5	Normal	-	-	-	-	-	0.0025	-	-	-	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_1	Normal	-	-	-	-	-	0.0089	-	-	-	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_0.2	Normal	-	-	-	-	-	0.0055	-	-	-	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_1	Normal	-	-	-	-	-	<0.0005	-	-	-	-
DU14	WSP2025c_FTA-HA01	08 Nov 2022	TRIP02-20221109	Interlab_D	-	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	-	<0.0002	<0.001	<0.0002
DU14	WSP2025c_FTA-HA01	09 Nov 2022	DUP02-20221109	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	DUP01-20241030	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0055	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.02	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	TRIP01-20241030	Interlab_D	<0.0005	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.001	<0.0002
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.21	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_1.05	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA02	30 Oct 2024	FTA-HA02_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.031	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA03	09 Nov 2022	FTA-HA03_0.4	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0078	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.03	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA05	09 Nov 2022	FTA-HA05_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA07	08 Nov 2022	TRIP01-20221109	Interlab_D	-	<0.0002	<0.0002	<0.0002	<0.0002	0.0017	-	0.0004	<0.001	<0.0002
DU14	WSP2025c_FTA-HA07	09 Nov 2022	DUP01-20221109	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	0.0076	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0091	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0091	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0060	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA08	09 Nov 2022	FTA-HA08_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.0002	0.001	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA-HA09	09 Nov 2022	FTA-HA09_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA10	09 Nov 2022	FTA-HA10_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA11	09 Nov 2022	FTA-HA11_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	DUP02-20231018	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	0.014	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_1.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0097	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	TRIP02-20231018	Interlab_D	-	<0.0002	<0.0002	0.0028	<0.0002	0.0136	-	0.0004	<0.001	0.0003
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_1.45	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA17	18 Oct 2023	FTA-HA17_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA17	20 Oct 2023	FTA-HA17_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.071	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.35	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0054	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.016	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0058	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0072	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0057	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0089	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	DUP01-20231020	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	TRIP01-20231020	Interlab_D	-	<0.0002	<0.0002	0.0003	<0.0002	0.0020	-	<0.0002	<0.001	0.0007
DU14	WSP2025c_FTA-MW05	18 Oct 2023	DUP01-20231018	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0080	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW05	18 Oct 2023	TRIP01-20231018	Interlab_D	-	<0.0002	<0.0002	0.0012	<0.0002	0.0021	-	0.0003	<0.001	0.0007
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.0002	0.001	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.011	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_1.45	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0053	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	<0.005	0.028	0.022	0.096	0.015	0.37	<0.005	<0.005	0.012	0.038
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	-	-	-	0.096	-	0.37	-	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	<0.005	<0.005	<0.005	0.0086	<0.005	0.58	0.0058	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	-	-	-	0.0086	-	0.58	-	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.01	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	-	-	-	<0.005	-	0.013	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0051	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	-	-	-	<0.005	-	0.0051	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0055	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.0002	0.001	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	-	-	-	<0.005	-	<0.005	-	-	-	-
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	**WSP2025c_HA01**	**14 Apr 2016**	**HA01_0.2**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-
DU14	**WSP2025c_HA02**	**14 Apr 2016**	**HA02_0.2**	**Normal**	-	-	-	-	-	0.0007	-	-	-	-
DU14	**WSP2025c_HA02**	**14 Apr 2016**	**HA02_0.7**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-
DU14	**WSP2025c_HA03**	**14 Apr 2016**	**HA03_0.2**	**Normal**	-	-	-	-	-	0.002	-	-	-	-
DU14	**WSP2025c_HA04**	**14 Apr 2016**	**HA04_0.2**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-
DU14	**WSP2025c_HA05**	**14 Apr 2016**	**HA05_0.5**	**Normal**	-	-	-	-	-	0.0084	-	-	-	-
DU14	**WSP2025c_HA06**	**14 Apr 2016**	**HA06_1**	**Normal**	-	-	-	-	-	0.0066	-	-	-	-
DU14	**WSP2025c_HA07**	**14 Apr 2016**	**HA07_0.2**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-
DU14	**WSP2025c_HA07**	**14 Apr 2016**	**HA07_1**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-
DU14	**WSP2025c_HA08**	**14 Apr 2016**	**HA08_0.5**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-
DU14	**WSP2025c_HA08**	**14 Apr 2016**	**HA08_1**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-
DU14	**WSP2025c_HA09**	**14 Apr 2016**	**HA09_0**	**Normal**	-	-	-	-	-	<0.0005	-	-	-	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances									
					Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial							50							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA24-HA01	30 Oct 2024	FTA24-HA01_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.2	Normal	-	-	<0.0005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.5	Normal	-	-	0.0006	-	-	-	-	-	-	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_0.5	Normal	-	-	<0.0005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_1	Normal	-	-	<0.0005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_0.5	Normal	-	-	0.0021	-	-	-	-	-	-	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_1	Normal	-	-	0.0018	-	-	-	-	-	-	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_0.2	Normal	-	-	0.0038	-	-	-	-	-	-	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_1	Normal	-	-	<0.0005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-HA01	08 Nov 2022	TRIP02-20221109	Interlab_D	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0028	0.0006	0.0028	<0.0005	0.0007
DU14	WSP2025c_FTA-HA01	09 Nov 2022	DUP02-20221109	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	0.01	<0.005	0.012	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0088	<0.005	0.0064	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0072	<0.005	0.013	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	DUP01-20241030	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.083	<0.005	0.0053	<0.005	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_1	Normal	<0.005	<0.005	<0.005	<0.005	0.021	0.032	<0.005	<0.005	<0.005	0.0070
DU14	WSP2025c_FTA-HA01	30 Oct 2024	TRIP01-20241030	Interlab_D	<0.0002	<0.0002	<0.0002	<0.0002	0.0015	0.0004	0.0009	0.0003	<0.0005	<0.0002
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0077	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.21	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_1.05	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA02	30 Oct 2024	FTA-HA02_1.5	Normal	<0.005	<0.005	<0.005	<0.005	0.0062	0.032	<0.005	<0.005	<0.005	0.02
DU14	WSP2025c_FTA-HA03	09 Nov 2022	FTA-HA03_0.4	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0060	<0.005	0.011	<0.005	<0.005
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.015
DU14	WSP2025c_FTA-HA05	09 Nov 2022	FTA-HA05_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0080	<0.005	0.023	<0.005	0.01
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0096
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA07	08 Nov 2022	TRIP01-20221109	Interlab_D	<0.0002	<0.0002	<0.0002	<0.0002	0.0010	0.0126	0.0022	0.0045	0.0014	0.0435
DU14	WSP2025c_FTA-HA07	09 Nov 2022	DUP01-20221109	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	0.05	0.0094	0.026	<0.005	0.12
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.1	Normal	<0.005	<0.005	<0.005	<0.005	0.0067	0.0100	0.0063	0.011	<0.005	0.021
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.054	0.011	0.026	0.0053	0.12
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.065	<0.005	<0.005	<0.005	0.057
DU14	WSP2025c_FTA-HA08	09 Nov 2022	FTA-HA08_0.5	Normal	<0.005	<0.005	<0.005	<0.005	0.0060	0.0052	<0.005	<0.005	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances									
					Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial							50							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA-HA09	09 Nov 2022	FTA-HA09_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	<0.005
DU14	WSP2025c_FTA-HA10	09 Nov 2022	FTA-HA10_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0050	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA11	09 Nov 2022	FTA-HA11_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0086	<0.005	0.0053	<0.005	<0.005
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0050	<0.005	0.048	<0.005	<0.005
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.019	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	DUP02-20231018	Field_D	<0.005	<0.005	0.0081	<0.005	<0.005	0.0061	<0.005	0.0051	<0.005	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_0.25	Normal	<0.005	<0.005	0.0064	<0.005	<0.005	0.0061	<0.005	0.0054	<0.005	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_1.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.024	<0.005	<0.005	<0.005	0.0090
DU14	WSP2025c_FTA-HA13	18 Oct 2023	TRIP02-20231018	Interlab_D	0.0009	0.0036	0.0051	0.0026	0.0020	0.0045	0.0009	0.0038	<0.0005	0.0014
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0098	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0068	<0.005	<0.005
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0093	<0.005	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.068	<0.005	0.0084	<0.005	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_1.45	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.042	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA17	18 Oct 2023	FTA-HA17_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA17	20 Oct 2023	FTA-HA17_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.12	<0.005	0.01	<0.005	0.11
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0073	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.019	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0058	0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0	Normal	<0.005	<0.005	<0.005	<0.005	0.0081	0.016	0.074	0.028	0.016	<0.005
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0.5	Normal	<0.005	<0.005	<0.005	<0.005	0.032	0.2	0.0074	0.047	<0.005	<0.005
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	DUP01-20231020	Field_D	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	0.011	<0.005	0.0059	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0	Normal	<0.005	<0.005	<0.005	<0.005	0.0055	0.014	0.012	<0.005	0.0064	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	TRIP01-20231020	Interlab_D	0.0008	0.0018	0.0038	0.0029	0.0043	0.0107	0.0112	0.0041	0.0060	<0.0002
DU14	WSP2025c_FTA-MW05	18 Oct 2023	DUP01-20231018	Field_D	<0.005	<0.005	<0.005	<0.005	0.0061	0.0075	0.042	0.094	0.023	<0.005
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_0	Normal	<0.005	<0.005	<0.005	<0.005	0.0056	0.0080	0.052	0.11	0.021	<0.005
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0082
DU14	WSP2025c_FTA-MW05	18 Oct 2023	TRIP01-20231018	Interlab_D	0.0008	0.0007	0.0009	0.0011	0.0038	0.0061	0.0378	0.0816	0.0158	0.0004
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances									
					Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial							50							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0082
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_1.45	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.053
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0076	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0071	<0.005	0.0073	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0055	<0.005	0.028	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	0.0063	0.12	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0093	<0.005	0.0053	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	0.11	0.039	0.04	0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	0.0056	0.0051	0.011	0.0066	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	-	-	0.011	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0083	<0.005	0.0072	<0.005	0.083
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0077	<0.005	<0.005	<0.005	0.061
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.016	0.0056	0.12	<0.005	<0.005
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.031	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.05	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	<0.005	<0.005	<0.005	<0.005	0.0074	0.011	0.0080	0.0088	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	-	-	<0.005	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_1	Normal	<0.005	<0.005	<0.005	<0.005	0.0078	0.0080	<0.005	<0.005	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances									
					Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial							50							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	0.0074	0.0080	0.025	<0.005	<0.005
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	-	-	<0.005	-	-	-	-	-	-	-
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	0.019	<0.005	<0.005	<0.005	<0.005
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	-	-	<0.005	-	-	-	-	-	-	-
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU14	**WSP2025c_HA01**	**14 Apr 2016**	**HA01_0.2**	**Normal**	-	-	<0.0005	-	-	-	-	-	-	-
DU14	**WSP2025c_HA02**	**14 Apr 2016**	**HA02_0.2**	**Normal**	-	-	<0.0005	-	-	-	-	-	-	-
DU14	**WSP2025c_HA02**	**14 Apr 2016**	**HA02_0.7**	**Normal**	-	-	<0.0005	-	-	-	-	-	-	-
DU14	**WSP2025c_HA03**	**14 Apr 2016**	**HA03_0.2**	**Normal**	-	-	0.0013	-	-	-	-	-	-	-
DU14	**WSP2025c_HA04**	**14 Apr 2016**	**HA04_0.2**	**Normal**	-	-	<0.0005	-	-	-	-	-	-	-
DU14	**WSP2025c_HA05**	**14 Apr 2016**	**HA05_0.5**	**Normal**	-	-	0.0006	-	-	-	-	-	-	-
DU14	**WSP2025c_HA06**	**14 Apr 2016**	**HA06_1**	**Normal**	-	-	0.0058	-	-	-	-	-	-	-
DU14	**WSP2025c_HA07**	**14 Apr 2016**	**HA07_0.2**	**Normal**	-	-	0.335	-	-	-	-	-	-	-
DU14	**WSP2025c_HA07**	**14 Apr 2016**	**HA07_1**	**Normal**	-	-	0.0307	-	-	-	-	-	-	-
DU14	**WSP2025c_HA08**	**14 Apr 2016**	**HA08_0.5**	**Normal**	-	-	0.0355	-	-	-	-	-	-	-
DU14	**WSP2025c_HA08**	**14 Apr 2016**	**HA08_1**	**Normal**	-	-	0.029	-	-	-	-	-	-	-
DU14	**WSP2025c_HA09**	**14 Apr 2016**	**HA09_0**	**Normal**	-	-	<0.0005	-	-	-	-	-	-	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU14 - 1d: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial														
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA24-HA01	30 Oct 2024	FTA24-HA01_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.016	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.022	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0068	<0.005
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.2	Normal	-	-	-	-	-	-	-	<0.005	0.128	-
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.5	Normal	-	-	-	-	-	-	-	<0.005	0.067	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_0.5	Normal	-	-	-	-	-	-	-	<0.005	0.004	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_1	Normal	-	-	-	-	-	-	-	<0.005	0.012	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_0.5	Normal	-	-	-	-	-	-	-	0.014	0.085	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_1	Normal	-	-	-	-	-	-	-	0.006	0.043	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_0.2	Normal	-	-	-	-	-	-	-	0.006	0.024	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_1	Normal	-	-	-	-	-	-	-	<0.005	0.019	-
DU14	WSP2025c_FTA-HA01	08 Nov 2022	TRIP02-20221109	Interlab_D	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	0.0072	0.0126
DU14	WSP2025c_FTA-HA01	09 Nov 2022	DUP02-20221109	Field_D	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.027	0.061
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.068	0.031
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.013	0.065
DU14	WSP2025c_FTA-HA01	30 Oct 2024	DUP01-20241030	Field_D	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.03	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	0.16	0.059	<0.02
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	0.048	0.46	<0.015
DU14	WSP2025c_FTA-HA01	30 Oct 2024	TRIP01-20241030	Interlab_D	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	<0.0005	0.0153	0.0030
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.044	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.21	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.013	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_1.05	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0066	<0.005
DU14	WSP2025c_FTA-HA02	30 Oct 2024	FTA-HA02_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	0.023	0.15	<0.02
DU14	WSP2025c_FTA-HA03	09 Nov 2022	FTA-HA03_0.4	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.095	0.073
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.21	0.052
DU14	WSP2025c_FTA-HA05	09 Nov 2022	FTA-HA05_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.021	0.035
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.011	0.015
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0095	0.021
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	0.0066
DU14	WSP2025c_FTA-HA07	08 Nov 2022	TRIP01-20221109	Interlab_D	<0.0005	<0.0005	0.0010	<0.0005	<0.0002	<0.0002	<0.0005	0.0008	0.0943	0.0351
DU14	WSP2025c_FTA-HA07	09 Nov 2022	DUP01-20221109	Field_D	<0.005	<0.005	0.0075	<0.005	<0.01	<0.01	<0.005	<0.01	0.21	0.22
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.49	0.24
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.6	Normal	<0.005	<0.005	0.0071	<0.005	<0.01	<0.01	<0.005	<0.01	0.29	0.25
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.16	0.054
DU14	WSP2025c_FTA-HA08	09 Nov 2022	FTA-HA08_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial														
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA-HA09	09 Nov 2022	FTA-HA09_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	0.013
DU14	WSP2025c_FTA-HA10	09 Nov 2022	FTA-HA10_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA11	09 Nov 2022	FTA-HA11_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.011	0.026
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	0.023
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.6	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.063	0.01
DU14	WSP2025c_FTA-HA13	18 Oct 2023	DUP02-20231018	Field_D	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.4	0.018
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.33	0.014
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_1.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.069	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	TRIP02-20231018	Interlab_D	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	0.0010	0.313	0.0072
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.035	0.014
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0095	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_1.45	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA17	18 Oct 2023	FTA-HA17_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.11	0.01
DU14	WSP2025c_FTA-HA17	20 Oct 2023	FTA-HA17_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.14	0.012
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.41	<0.005
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_1	Normal	<0.005	<0.005	0.0051	<0.005	<0.01	<0.01	<0.005	<0.01	0.12	0.078
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.038	<0.005
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0064	0.028
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	0.031
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.038	1.6
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.31	0.061
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.039	<0.005
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.062	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	DUP01-20231020	Field_D	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	0.0066
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0059	0.0078
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	TRIP01-20231020	Interlab_D	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	0.0008	0.0076	0.0064
DU14	WSP2025c_FTA-MW05	18 Oct 2023	DUP01-20231018	Field_D	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0067	0.36
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0068	0.5
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.12	0.071
DU14	WSP2025c_FTA-MW05	18 Oct 2023	TRIP01-20231018	Interlab_D	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	<0.0002	<0.0005	0.0010	0.0055	0.275
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_0	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial														
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_0.25	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.04	<0.005
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_1.45	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.013	0.049
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.099	0.036
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.091	0.012
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	0.015
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.051	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.17	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.016	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.02	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0072	<0.02
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.14	<0.005
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.02	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	-	-	-	-	-	-	-	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_1	Normal	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005
PFAS NEMP 2025 HIL D Industrial/commercial														
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_2**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.025
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.0071	<0.04
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_1**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005
DU14	**WSP2025c_HA01**	**14 Apr 2016**	**HA01_0.2**	**Normal**	-	-	-	-	-	-	-	0.008	0.031	-
DU14	**WSP2025c_HA02**	**14 Apr 2016**	**HA02_0.2**	**Normal**	-	-	-	-	-	-	-	0.006	0.027	-
DU14	**WSP2025c_HA02**	**14 Apr 2016**	**HA02_0.7**	**Normal**	-	-	-	-	-	-	-	<0.005	0.001	-
DU14	**WSP2025c_HA03**	**14 Apr 2016**	**HA03_0.2**	**Normal**	-	-	-	-	-	-	-	<0.005	0.055	-
DU14	**WSP2025c_HA04**	**14 Apr 2016**	**HA04_0.2**	**Normal**	-	-	-	-	-	-	-	<0.005	0.017	-
DU14	**WSP2025c_HA05**	**14 Apr 2016**	**HA05_0.5**	**Normal**	-	-	-	-	-	-	-	0.029	0.026	-
DU14	**WSP2025c_HA06**	**14 Apr 2016**	**HA06_1**	**Normal**	-	-	-	-	-	-	-	0.157	0.056	-
DU14	**WSP2025c_HA07**	**14 Apr 2016**	**HA07_0.2**	**Normal**	-	-	-	-	-	-	-	5.13	2.32	-
DU14	**WSP2025c_HA07**	**14 Apr 2016**	**HA07_1**	**Normal**	-	-	-	-	-	-	-	6.45	0.151	-
DU14	**WSP2025c_HA08**	**14 Apr 2016**	**HA08_0.5**	**Normal**	-	-	-	-	-	-	-	5.19	0.093	-
DU14	**WSP2025c_HA08**	**14 Apr 2016**	**HA08_1**	**Normal**	-	-	-	-	-	-	-	3.02	0.091	-
DU14	**WSP2025c_HA09**	**14 Apr 2016**	**HA09_0**	**Normal**	-	-	-	-	-	-	-	0.01	0.008	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**				
DU14	WSP2025c_FTA24-HA01	30 Oct 2024	FTA24-HA01_0.1	Normal	<0.005	<0.05	0.016	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.1	Normal	<0.005	<0.05	0.022	<0.005
DU14	WSP2025c_FTA24-HA02	31 Oct 2024	FTA24-HA02_0.5	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.2	Normal	-	-	-	-
DU14	WSP2025c_FTA_MW01	14 Apr 2016	FTA_MW01_0.5	Normal	-	-	-	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_0.5	Normal	-	-	-	-
DU14	WSP2025c_FTA_MW02	14 Apr 2016	FTA_MW02_1	Normal	-	-	-	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_0.5	Normal	-	-	-	-
DU14	WSP2025c_FTA_MW03	14 Apr 2016	FTA_MW03_1	Normal	-	-	-	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_0.2	Normal	-	-	-	-
DU14	WSP2025c_FTA_MW04	14 Apr 2016	FTA_MW04_1	Normal	-	-	-	-
DU14	WSP2025c_FTA-HA01	08 Nov 2022	TRIP02-20221109	Interlab_D	<0.0002	0.0267	0.0072	-
DU14	WSP2025c_FTA-HA01	09 Nov 2022	DUP02-20221109	Field_D	<0.005	0.11	0.027	<0.005
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.1	Normal	<0.005	0.1142	0.068	<0.005
DU14	WSP2025c_FTA-HA01	09 Nov 2022	FTA-HA01_0.5	Normal	<0.005	0.0982	0.013	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	DUP01-20241030	Field_D	<0.005	<0.05	0.03	<0.005
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_0.5	Normal	0.0055	0.3128	0.2245	0.0055
DU14	WSP2025c_FTA-HA01	30 Oct 2024	FTA-HA01_1	Normal	0.02	0.588	0.528	0.02
DU14	WSP2025c_FTA-HA01	30 Oct 2024	TRIP01-20241030	Interlab_D	<0.0002	0.0214	0.0153	-
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.5	Normal	<0.005	0.0517	0.044	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_0.21	Normal	<0.005	<0.05	0.013	<0.005
DU14	WSP2025c_FTA-HA02	09 Nov 2022	FTA-HA02_1.05	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA02	30 Oct 2024	FTA-HA02_1.5	Normal	0.031	0.2622	0.204	0.031
DU14	WSP2025c_FTA-HA03	09 Nov 2022	FTA-HA03_0.4	Normal	0.0078	<0.05	<0.01	0.0078
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.1	Normal	<0.005	0.185	0.095	<0.005
DU14	WSP2025c_FTA-HA04	09 Nov 2022	FTA-HA04_0.6	Normal	0.03	0.307	0.24	0.03
DU14	WSP2025c_FTA-HA05	09 Nov 2022	FTA-HA05_0.5	Normal	<0.005	0.097	0.021	<0.005
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.2	Normal	<0.005	<0.05	0.011	<0.005
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_0.6	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA06	09 Nov 2022	FTA-HA06_1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA07	08 Nov 2022	TRIP01-20221109	Interlab_D	0.0017	0.198	0.0968	-
DU14	WSP2025c_FTA-HA07	09 Nov 2022	DUP01-20221109	Field_D	0.0076	0.6505	0.2176	0.0076
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.1	Normal	0.0091	0.7941	0.4991	0.0091
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_0.6	Normal	0.0091	0.7725	0.2991	0.0091
DU14	WSP2025c_FTA-HA07	09 Nov 2022	FTA-HA07_1	Normal	0.006	0.342	0.166	0.006
DU14	WSP2025c_FTA-HA08	09 Nov 2022	FTA-HA08_0.5	Normal	<0.005	<0.05	<0.01	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**				
DU14	WSP2025c_FTA-HA09	09 Nov 2022	FTA-HA09_0.15	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA10	09 Nov 2022	FTA-HA10_0.3	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA11	09 Nov 2022	FTA-HA11_0.3	Normal	<0.005	0.0509	0.011	<0.005
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.2	Normal	<0.005	0.076	<0.01	<0.005
DU14	WSP2025c_FTA-HA12	09 Nov 2022	FTA-HA12_0.6	Normal	<0.005	0.092	0.063	<0.005
DU14	WSP2025c_FTA-HA13	18 Oct 2023	DUP02-20231018	Field_D	0.014	0.4513	0.4221	0.0221
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_0.25	Normal	0.013	0.3749	0.3494	0.0194
DU14	WSP2025c_FTA-HA13	18 Oct 2023	FTA-HA13_1.1	Normal	0.0097	0.1117	0.0787	0.0097
DU14	WSP2025c_FTA-HA13	18 Oct 2023	TRIP02-20231018	Interlab_D	0.0164	0.363	0.340	-
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA14	19 Oct 2023	FTA-HA14_0.5	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_0.25	Normal	<0.005	0.0558	0.035	<0.005
DU14	WSP2025c_FTA-HA15	18 Oct 2023	FTA-HA15_1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_0.25	Normal	<0.005	0.0859	<0.01	<0.005
DU14	WSP2025c_FTA-HA16	19 Oct 2023	FTA-HA16_1.45	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA17	18 Oct 2023	FTA-HA17_0	Normal	<0.005	0.12	0.11	<0.005
DU14	WSP2025c_FTA-HA17	20 Oct 2023	FTA-HA17_0.5	Normal	0.071	0.223	0.211	0.071
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_0.25	Normal	0.35	0.76	0.76	0.35
DU14	WSP2025c_FTA-HA18	19 Oct 2023	FTA-HA18_1	Normal	0.0054	0.4485	0.1254	0.0054
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_0	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA19	19 Oct 2023	FTA-HA19_1	Normal	0.016	0.073	0.054	0.016
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0	Normal	0.0058	0.056	0.0122	0.0058
DU14	WSP2025c_FTA-HA20	19 Oct 2023	FTA-HA20_0.5	Normal	0.0072	<0.05	<0.01	0.0072
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0	Normal	<0.005	1.7801	0.038	<0.005
DU14	WSP2025c_FTA-HA21	19 Oct 2023	FTA-HA21_0.5	Normal	0.0057	0.6631	0.3157	0.0057
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.5	Normal	0.0089	<0.05	0.0479	0.0089
DU14	WSP2025c_FTA-HA22	20 Oct 2023	FTA-HA22_0.25	Normal	<0.005	0.062	0.062	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	DUP01-20231020	Field_D	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0	Normal	<0.005	0.0516	<0.01	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	FTA-HA23_0.3	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-HA23	20 Oct 2023	TRIP01-20231020	Interlab_D	0.0023	0.0634	0.0178	-
DU14	WSP2025c_FTA-MW05	18 Oct 2023	DUP01-20231018	Field_D	<0.005	0.5393	<0.01	<0.005
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_0	Normal	<0.005	0.7034	<0.01	<0.005
DU14	WSP2025c_FTA-MW05	18 Oct 2023	FTA-MW05_1	Normal	0.008	0.2072	0.128	0.008
DU14	WSP2025c_FTA-MW05	18 Oct 2023	TRIP01-20231018	Interlab_D	0.0033	0.435	0.0129	-
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_0	Normal	<0.005	<0.05	<0.01	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**				
DU14	WSP2025c_FTA-MW06	18 Oct 2023	FTA-MW06_1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_0.25	Normal	0.011	0.0592	0.051	0.011
DU14	WSP2025c_FTA-MW07	18 Oct 2023	FTA-MW07_1.45	Normal	0.0053	0.0583	<0.01	0.0053
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	<0.005	0.0696	0.013	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.1	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	<0.005	0.1494	0.099	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.3	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_0.5	Normal	<0.005	0.103	0.091	<0.005
DU14	WSP2025c_FTA-MW09	31 Oct 2024	FTA-MW09_1.5	Normal	0.021	<0.05	0.021	0.021
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.1	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	<0.005	0.1543	<0.01	<0.005
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_0.5	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW10	31 Oct 2024	FTA-MW10_1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	0.466	0.831	0.784	0.506
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.1	Normal	0.466	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	0.5886	0.7927	0.7803	0.5996
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_0.5	Normal	0.5886	-	-	-
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1	Normal	0.01	0.1245	0.026	0.01
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	0.013	0.1017	0.033	0.013
DU14	WSP2025c_FTA-MW12	30 Oct 2024	FTA-MW12_1.5	Normal	0.013	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	<0.005	0.1488	<0.01	<0.005
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.1	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	0.0051	0.1761	0.1451	0.0051
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_0.5	Normal	0.0051	-	-	-
DU14	WSP2025c_FTA-MW13	30 Oct 2024	FTA-MW13_1	Normal	<0.005	0.07	0.02	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.1	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_0.5	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW14	30 Oct 2024	FTA-MW14_1	Normal	0.0055	<0.05	<0.01	0.0055
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.1	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_0.5	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_1	Normal	<0.005	<0.05	<0.01	<0.005

DU14 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**				
DU14	WSP2025c_FTA-MW15	30 Oct 2024	FTA-MW15_2	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW16	31 Oct 2024	FTA-MW16_0.1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW16	31 Oct 2024	FTA-MW16_0.1	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW16	31 Oct 2024	FTA-MW16_0.5	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_FTA-MW16	31 Oct 2024	FTA-MW16_0.5	Normal	<0.005	-	-	-
DU14	WSP2025c_FTA-MW16	31 Oct 2024	FTA-MW16_1	Normal	<0.005	<0.05	<0.01	<0.005
DU14	WSP2025c_HA01	14 Apr 2016	HA01_0.2	Normal	-	-	-	-
DU14	WSP2025c_HA02	14 Apr 2016	HA02_0.2	Normal	-	-	-	-
DU14	WSP2025c_HA02	14 Apr 2016	HA02_0.7	Normal	-	-	-	-
DU14	WSP2025c_HA03	14 Apr 2016	HA03_0.2	Normal	-	-	-	-
DU14	WSP2025c_HA04	14 Apr 2016	HA04_0.2	Normal	-	-	-	-
DU14	WSP2025c_HA05	14 Apr 2016	HA05_0.5	Normal	-	-	-	-
DU14	WSP2025c_HA06	14 Apr 2016	HA06_1	Normal	-	-	-	-
DU14	WSP2025c_HA07	14 Apr 2016	HA07_0.2	Normal	-	-	-	-
DU14	WSP2025c_HA07	14 Apr 2016	HA07_1	Normal	-	-	-	-
DU14	WSP2025c_HA08	14 Apr 2016	HA08_0.5	Normal	-	-	-	-
DU14	WSP2025c_HA08	14 Apr 2016	HA08_1	Normal	-	-	-	-
DU14	WSP2025c_HA09	14 Apr 2016	HA09_0	Normal	-	-	-	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU14 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos			
					Asbestos Detected	FA and AF Estimation*	Asbestos (ACM >7mm) Estimation	Asbestos fibres
					Comment	%w/w	%w/w	g/kg
EQL								
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial						0.001[#1]	0.05	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**				
DU14	**WSP2025c_FTA24-HA01**	**30 Oct 2024**	**FTA24-HA01_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA24-HA01**	**30 Oct 2024**	**FTA24-HA01_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA24-HA02**	**31 Oct 2024**	**FTA24-HA02_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA24-HA02**	**31 Oct 2024**	**FTA24-HA02_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA-MW09**	**31 Oct 2024**	**FTA-MW09_0.3**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA-MW10**	**31 Oct 2024**	**FTA-MW10_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	Yes	No	0.0528	0.5284
DU14	**WSP2025c_FTA-MW12**	**30 Oct 2024**	**FTA-MW12_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA-MW13**	**30 Oct 2024**	**FTA-MW13_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA-MW14**	**30 Oct 2024**	**FTA-MW14_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA-MW15**	**30 Oct 2024**	**FTA-MW15_0.1**	**Normal**	-	<0.001	-	-
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	No	No	<0.01	<0.1
DU14	**WSP2025c_FTA-MW16**	**31 Oct 2024**	**FTA-MW16_0.1**	**Normal**	-	<0.001	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	<10	<10	<50	<50	380	<100	380	<10	<50	350	<100	350	24
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	<10	<10	<50	<50	260	130	390	<10	<50	130	180	310	13
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	<10	<10	<50	<50	720	260	980	<10	<50	420	410	830	12
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	<10	<10	<50	<50	210	<100	210	<10	<50	110	140	250	36
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.9
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.5
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	<20	<20	100	100	<100	<100	100	<20	74	85	<50	159	<2
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.2
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	650	650	881.9	890	<100	<100	890	280	1,200.0	<50	<50	1,200.0	<2
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	420	420	775	780	<100	<100	780	170	1,100.0	<50	<50	1,100.0	2.8
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	310	310	317.7	320	<100	<100	320	150	450	<50	<50	450	2.3
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	<20	<20	52	52	120	<100	172	<20	27	130	<50	157	<2
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	64	64	999.4	1,000.0	440	<100	1,440.0	28	810	720	<50	1,530.0	<2

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	200	200	127.6	130	<100	<100	130	140	130	<50	<50	130	2.8
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	<20	<20	<50	<50	<100	100	100	<20	<20	<50	96	96	<2
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.3
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	90	82	58.7	62	<100	<100	<100	46	77	<50	<50	77	<2
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	120	110	117.2	120	<100	<100	120	74	160	<50	<50	160	<2
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	<20	<20	<50	<50	180	<100	180	<20	<20	110	110	220	2.9
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	<20	<20	180	180	270	<100	450	<20	80	360	<50	440	2.7
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	450	420	338	350	200	<100	550	270	360	240	<50	600	<2
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	160	150	104.3	110	<100	<100	110	95	130	<50	<50	130	<2
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	22	<50	<50	<50	<2
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	<400	<400	1,343.0	1,400.0	<1,000.0	<1,000.0	1,400.0	<400	960	1,300.0	<500	2,260.0	<2
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	180	180	850	870	440	<100	1,310.0	100	630	750	<50	1,380.0	<2
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	<40	<40	244.1	250	130	<100	380	<40	180	220	<50	400	<2
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	<20	<20	228.2	230	140	<100	370	<20	160	230	<50	390	<2
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.2
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.9
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	56	56	<2
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	<20	<20	<50	<50	240	110	350	<20	<20	110	170	280	4.7
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	64	64	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	<20	<20	<50	<50	160	<200	<200	<20	<20	94	93	187	4.2

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	<20	<20	<50	<50	460	210	670	<20	24	250	280	554	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	30	52	92	174	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.2
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	<20	<20	<50	<50	230	110	340	<20	40	96	150	286	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	140	66	206	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	74	98	172	3.2
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<20	<20	<50	<50	110	<100	110	<20	<20	74	<50	74	9.8
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	<20	<20	120	120	1,600.0	350	2,070.0	<20	51	1,200.0	610	1,861.0	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	<20	<20	<50	<50	260	160	420	<20	22	130	160	312	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<20	<20	110	110	3,500.0	740	4,350.0	<20	44	2,400.0	1,500.0	3,944.0	19
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	69	86	155	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	98	98	1,200.0	1,200.0	2,300.0	670	4,170.0	23	870	2,100.0	770	3,740.0	5.4
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	51	51	1,200.0	1,200.0	2,300.0	590	4,090.0	<20	870	2,000.0	760	3,630.0	13
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<20	<20	<50	<50	230	<100	230	<20	<20	130	<50	130	6.9
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<20	<20	<50	<50	170	110	280	<20	<20	82	110	192	5.1
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	<20	<20	<50	<50	260	130	390	<20	<20	140	<50	140	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	<20	<20	<50	<50	6,500.0	1,700.0	8,200.0	<20	<20	3,100.0	1,700.0	4,800.0	6.7
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	<20	<20	<50	<50	130	<100	130	<20	<20	68	<50	68	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	<20	<20	300	300	670	220	1,190.0	<20	250	460	82	792	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	120	120	687.2	690	12,000.0	1,400.0	14,090.0	38	640	7,600.0	3,700.0	11,940.0	14
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	<20	<20	<50	<50	250	110	360	<20	<20	120	140	260	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<20	<20	<50	<50	740	460	1,200.0	<20	26	340	500	866	6.2
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<20	<20	140	140	2,300.0	580	3,020.0	<20	82	1,400.0	410	1,892.0	15
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<20	<20	<50	<50	570	460	1,030.0	<20	33	240	430	703	4.7
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	<20	<20	54	54	680	200	934	<20	28	500	57	585	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	<20	<20	<50	<50	490	450	940	<20	26	200	470	696	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	<20	<20	<50	<50	130	100	230	<20	40	73	100	213	4.3
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	21	<50	<50	<50	3.8
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	<20	<20	<50	<50	340	210	550	<20	26	180	230	436	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	<20	<20	<50	<50	260	<100	260	<20	<20	140	140	280	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	<20	<20	<50	<50	530	280	810	<20	29	250	98	377	5.2
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	<20	<20	<50	<50	340	140	480	<20	20	160	190	370	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	<20	<20	<50	<50	570	220	790	<20	<20	280	320	600	6.3
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	<20	<20	88	88	5,800.0	2,100.0	7,988.0	<20	48	2,700.0	1,400.0	4,148.0	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	<20	<20	<50	<50	420	200	620	<20	21	220	240	481	9.3
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	<20	<20	<50	<50	590	320	910	<20	<20	280	71	351	16
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	<20	<20	<50	<50	250	170	420	<20	<20	140	63	203	6
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	<20	<20	<50	<50	550	180	730	<20	26	360	240	626	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	<20	<20	<50	<50	320	170	490	<20	27	190	160	377	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	<20	<20	<50	<50	320	130	450	<20	<20	220	<50	220	12
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	<20	<20	<50	<50	370	170	540	<20	24	210	200	434	41
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	<20	<20	<50	<50	420	160	580	<20	21	180	250	451	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	<20	<20	<50	<50	260	<100	260	<20	<20	150	200	350	9.7
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	<20	<20	<50	<50	250	140	390	<20	<20	130	<50	130	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	<20	<20	<50	<50	670	270	940	<20	32	380	350	762	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	<20	<20	<50	<50	380	180	560	<20	21	210	<50	231	8.1
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	<20	<20	<50	<50	160	110	270	<20	<20	64	110	174	3.8
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	<20	<20	<50	<50	120	<100	120	<20	<20	64	<50	64	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	<20	<20	<50	<50	250	110	360	<20	<20	120	150	270	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	<20	<20	<50	<50	400	160	560	<20	23	200	62	285	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	<20	<20	<50	<50	270	120	390	-	-	-	-	-	9.7
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	<20	<20	339.1	340	4,200	360	4,900	-	-	-	-	-	2.5
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	<20	<20	80.1	81	990	370	1,441	-	-	-	-	-	9.2
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	4.2

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	<20	<20	<50	<50	370	420	790	-	-	-	-	-	2.9
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.7
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	<20	<20	<50	<50	410	490	900	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	<20	<20	<50	<50	170	270	440	-	-	-	-	-	<2
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	9.2
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	6.9
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	35	35	250	250	1,600	450	2,300	-	-	-	-	-	9.3
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	<20	<20	128.4	130	1,200	440	1,770	-	-	-	-	-	6.6
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	6
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	4
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	<20	<20	91	91	830	890	1,811	-	-	-	-	-	2.8
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	<20	<20	<50	<50	240	250	490	-	-	-	-	-	6.2
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	<20	<20	<50	<50	110	360	470	-	-	-	-	-	<2
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	3
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	<20	<20	7,681	7,700	28,000	3,100	38,800	-	-	-	-	-	24
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	9.4
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	9.4
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	<20	<20	178.3	180	1,100	170	1,450	-	-	-	-	-	<2
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	5
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	7
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	18
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	10
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	9.1
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	150	150	1,294.8	1,300	1,700	260	3,260	-	-	-	-	-	7
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	89	89	2,396.1	2,400	2,500	550	5,450	-	-	-	-	-	2.6
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	14

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	19
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	11
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	<20	<20	706.9	710	1,600	1,300	3,610	-	-	-	-	-	<2
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	2.2
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<2
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	<20	<20	<50	<50	330	250	580	-	-	-	-	-	<2
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	<20	<20	<50	<50	130	130	260	<20	<20	60	100	160	<2
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	<20	<20	<50	<50	220	<100	220	<20	<20	130	130	260	6
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	52	52	900	900	1,500	230	2,630	<20	490	1,600	390	2,480	2.7
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	<20	<20	<50	<50	100	<100	100	<20	<20	97	<50	97	<2
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	26	26	3,794.2	3,800	40,000	5,200	49,000	<20	1,900	31,000	14,000	46,900	9.5
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	20	20	290	290	4,600	1,300	6,190	<20	140	3,000	2,300	5,440	3.7
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	<20	<20	160	160	2,500	630	3,290	<20	77	1,700	1,100	2,877	2.3
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	<20	<20	<50	<50	240	110	350	<20	<20	110	170	280	4.7
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	64	64	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	<20	<20	<50	<50	150	110	260	<20	<20	75	<50	75	4.4
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	<20	<20	<50	<50	160	<200	<200	<20	<20	94	93	187	4.2
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	<20	<20	<50	<50	460	210	670	<20	24	250	280	554	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	<20	<20	<50	<50	190	160	350	<20	<20	93	140	233	4.3
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	30	52	92	174	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.2
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	<20	<20	<50	<50	230	110	340	<20	40	96	150	286	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	140	66	206	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	68	<50	68	5
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	74	98	172	3.2
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<20	<20	<50	<50	110	<100	110	<20	<20	74	<50	74	9.8
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	<20	<20	120	120	1,600	350	2,070	<20	51	1,200	610	1,861	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	<20	<20	<50	<50	100	<100	100	<20	<20	<50	<50	<50	2.2
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	<20	<20	<50	<50	250	140	390	<20	<20	140	150	290	3.5
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.3
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.2
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	<20	<20	<50	<50	260	160	420	<20	22	130	160	312	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<20	<20	110	110	3,500	740	4,350	<20	44	2,400	1,500	3,944	19
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	69	86	155	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	98	98	1,200	1,200	2,300	670	4,170	23	870	2,100	770	3,740	5.4
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	51	51	1,200	1,200	2,300	590	4,090	<20	870	2,000	760	3,630	13
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	<20	<20	<50	<50	110	110	220	<20	<20	57	84	141	<2
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<20	<20	<50	<50	230	<100	230	<20	<20	130	<50	130	6.9
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<20	<20	<50	<50	170	110	280	<20	<20	82	110	192	5.1
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	<20	<20	<50	<50	260	130	390	<20	<20	140	<50	140	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	<20	<20	<50	<50	340	120	460	<20	20	200	170	390	5.4
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	<20	<20	<50	<50	6,500	1,700	8,200	<20	<20	3,100	1,700	4,800	6.7
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.3
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	<20	<20	<50	<50	130	<100	130	<20	<20	68	<50	68	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	<20	<20	300	300	670	220	1,190	<20	250	460	82	792	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	120	120	687.2	690	12,000	1,400	14,090	38	640	7,600	3,700	11,940	14
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	<20	<20	<50	<50	250	110	360	<20	<20	120	140	260	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<20	<20	<50	<50	740	460	1,200	<20	26	340	500	866	6.2
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<20	<20	140	140	2,300	580	3,020	<20	82	1,400	410	1,892	15
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<20	<20	<50	<50	570	460	1,030	<20	33	240	430	703	4.7

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	<20	<20	54	54	680	200	934	<20	28	500	57	585	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	<20	<20	<250	<250	860	900	1,760	<20	180	380	750	1,310	3.4
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	<20	<20	<50	<50	490	450	940	<20	26	200	470	696	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	<20	<20	<50	<50	130	100	230	<20	40	73	100	213	4.3
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	<20	<20	<50	<50	510	240	750	<20	<20	270	63	333	9
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	<20	<20	<50	<50	250	250	500	<20	26	120	240	386	5.8
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	<20	<20	<50	<50	250	150	400	<20	<20	140	150	290	10
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	<20	<20	<50	<50	360	170	530	<20	20	210	<50	230	21
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	21	<50	<50	<50	3.8
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	<20	<20	<50	<50	340	210	550	<20	26	180	230	436	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	<20	<20	<50	<50	260	<100	260	<20	<20	140	140	280	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	<20	<20	<50	<50	530	280	810	<20	29	250	98	377	5.2
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	<20	<20	<50	<50	340	140	480	<20	20	160	190	370	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	<20	<20	<50	<50	430	180	610	<20	23	260	240	523	10
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	<20	<20	<50	<50	570	220	790	<20	<20	280	320	600	6.3
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	<20	<20	88	88	5,800	2,100	7,988	<20	48	2,700	1,400	4,148	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	<20	<20	<50	<50	420	200	620	<20	21	220	240	481	9.3
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	<20	<20	<50	<50	590	320	910	<20	<20	280	71	351	16
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	<20	<20	<500	<500	4,300	<1,000.0	4,300	<20	<200	2,900	1,700	4,600	2.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	<20	<20	57	57	1,300	360	1,717	<20	28	820	610	1,458	11
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	<20	<20	160	160	1,600	580	2,340	<20	81	980	230	1,291	6.3
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	<20	<20	180	180	1,200	390	1,770	<20	110	820	550	1,480	7
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	<20	<20	<50	<50	250	170	420	<20	<20	140	63	203	6
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	<20	<20	<50	<50	550	180	730	<20	26	360	240	626	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	<20	<20	<50	<50	820	280	1,100	<20	<20	470	450	920	19
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	<20	<20	<50	<50	320	170	490	<20	27	190	160	377	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	<20	<20	<50	<50	320	130	450	<20	<20	220	<50	220	12
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	<20	<20	<50	<50	130	<100	130	<20	<20	67	81	148	2.3

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	<20	<20	<50	<50	280	110	390	<20	<20	180	<50	180	11
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	<20	<20	295.8	300	3,400	1,100	4,800	<20	150	2,300	1,700	4,150	9.9
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	<20	<20	290	290	4,700	1,300	6,290	<20	170	2,800	980	3,950	15
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	<20	<20	<50	<50	370	170	540	<20	24	210	200	434	41
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	<20	<20	<50	<50	420	160	580	<20	21	180	250	451	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	<20	<20	<50	<50	260	<100	260	<20	<20	150	200	350	9.7
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	<20	<20	<50	<50	250	140	390	<20	<20	130	<50	130	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	<20	<20	<50	<50	670	270	940	<20	32	380	350	762	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	<20	<20	<50	<50	380	180	560	<20	21	210	<50	231	8.1
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	<20	<20	<50	<50	330	180	510	<20	<20	160	220	380	2.5
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	<20	<20	<50	<50	160	110	270	<20	<20	64	110	174	3.8
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	<20	<20	<50	<50	120	<100	120	<20	<20	64	<50	64	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	<20	<20	<50	<50	250	110	360	<20	<20	120	150	270	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	<20	<20	<50	<50	400	160	560	<20	23	200	62	285	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	<20	<20	<50	<50	450	300	750	<20	25	220	82	327	6.5
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	<20	<20	<50	<50	650	370	1,020	<20	<20	280	98	378	6.4
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	<20	<20	510	510	4,700	700	5,910	<20	230	3,900	1,300	5,430	6.2
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	120	120	2,098.1	2,100	10,000	2,200	14,300	71	1,000	8,700	3,400	13,100	16
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	<20	<20	<50	<50	370	110	480	<20	<20	200	200	400	12
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	<20	<20	<50	<50	910	200	1,110	<20	<20	580	180	760	6.3
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	<20	<20	<50	<50	300	110	410	<20	<20	130	71	201	5.1
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	22	24	998.6	1,000	7,200	3,600	11,800	<20	570	3,500	6,000	11,000	3.3
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	<20	<20	2,594.9	2,600	11,000	2,600	16,200	<20	1,500	8,400	5,700	15,600	5.1
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	<20	<20	<50	<50	240	410	650	<20	<20	87	250	337	3.5
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<20	<20	249.3	250	1,000	340	1,590	<20	130	790	450	1,370	4.1
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<20	<20	<50	<50	360	<100	360	<20	<20	220	200	420	4.4
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	<20	<20	<50	<50	540	450	990	<20	<20	280	380	660	8.7
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	<20	<20	<50	<50	960	300	1,260	<20	<20	530	570	1,100	4.5
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<20	<20	<50	<50	240	<100	240	<20	<20	120	180	300	6.8
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	<20	<20	1,100	1,100	2,700	690	4,490	<20	710	2,100	1,300	4,110	9.2
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	<20	<20	2,598.1	2,600	15,000	3,900	21,500	<20	1,200	10,000	8,500	19,700	9.4
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.2
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<20	<20	<50	<50	240	100	340	<20	<20	140	140	280	4.2
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	<20	<20	<50	<50	350	480	830	<20	<20	110	400	510	2.1
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	<20	<20	<50	<50	380	180	560	<20	<20	210	250	460	5.8
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<20	<20	390	390	4,700	1,100	6,190	<20	140	3,300	2,000	5,440	12
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	<20	<20	<50	<50	160	150	310	<20	<20	85	130	215	13
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	66	66	3.2
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	230	230	8,297.6	8,300	23,000	2,500	33,800	120	4,700	22,000	5,800	32,500	15
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	240	240	6,981	7,000	26,000	2,700	35,700	<200	4,900	23,000	8,200	36,100	13
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	<20	<20	<50	<50	120	<100	120	<20	<20	100	<50	100	2.3
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	<20	<20	<50	<50	220	<100	220	<20	<20	150	110	260	9.3
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<20	<20	110	110	490	190	790	<20	48	330	290	668	2.9
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	8.3
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	<20	<20	<50	<50	260	<100	260	<20	<20	170	140	310	18
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	51	<50	51	8.4
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<20	<20	490	490	2,100	390	2,980	<20	250	1,700	780	2,730	7.8
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	25	24	<50	<50	<100	<100	<100	<20	<20	56	<50	56	2
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	28
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<20	<20	55	55	370	140	565	<20	45	260	190	495	24
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	79	79	850	850	520	270	1,640	<20	930	380	280	1,590	4
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	6.7
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	<20	<20	860	860	4,300	670	5,830	<20	610	3,300	1,700	5,610	9.1
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	21	21	670	670	4,100	630	5,400	<20	360	3,100	1,600	5,060	10
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	85	84	2,594.7	2,600	6,800	1,200	10,600	24	1,700	6,500	1,800	10,000	7.1
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	<20	<20	<50	<50	100	180	280	<20	<20	55	95	150	2.9

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m						260[#1]	NL [#2]										
>=1m, <2m						370	NL										
>=2m, <4m						630	NL										
>=4m						NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m						**NL**	**NL**										
>=2m, <4m						**NL**	**NL**										
>=4m						**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	40
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	<20	<20	170	170	1,200	290	1,660	<20	54	920	480	1,454	8.2
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	140	140	1,098.8	1,100	2,000	390	3,490	77	700	2,100	570	3,370	6.6
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<20	<20	65	65	870	260	1,195	<20	36	610	370	1,016	7.8
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	38	38	1,600	1,600	8,500	2,600	12,700	<20	620	5,900	4,600	11,120	9
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	130	63	193	<2
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.2
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	<20	<20	580	580	7,400	1,700	9,680	<20	150	5,500	2,800	8,450	10
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	88	88	4,090	4,100	18,000	2,500	24,600	36	2,800	13,000	6,700	22,500	12
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<20	<20	<50	<50	330	370	700	<20	23	140	320	483	2.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	120	55	175	6.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<20	<20	1,300	1,300	3,600	150	5,050	<20	880	3,100	170	4,150	4.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	<20	<20	1,300	1,300	5,400	660	7,360	<20	640	4,900	1,400	6,940	7.4
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	53	53	1,300	1,300	4,100	2,100	7,500	21	940	2,200	3,300	6,440	3.9
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	<20	<20	<50	<50	330	<100	330	<20	<20	230	130	360	5.7
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.9
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.6
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	<20	<20	180	180	410	160	750	<20	170	290	200	660	21
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<20	<20	<50	<50	350	430	780	<20	<20	140	340	480	3.1
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.3
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	<200	<200	7,485	7,500	14,000	2,300	23,800	<200	4,500	14,000	4,800	23,300	<2
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	52	52	1,391.2	1,400	4,600	840	6,840	<20	930	3,600	2,000	6,530	<2
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	<20	<20	220	220	3,100	630	3,950	<20	130	2,100	1,300	3,530	7.4
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	32	32	<2,500.0	<2,500.0	19,000	11,000	30,000	<20	<1,000.0	9,900	13,000	22,900	5.4

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	10	50	50	100	100	50	10	20	50	50	50	2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m		260[#1]	NL [#2]										
>=1m, <2m		370	NL										
>=2m, <4m		630	NL										
>=4m		NL [#2]	NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m		**NL**	**NL**										
>=2m, <4m		**NL**	**NL**										
>=4m		**NL**	**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP													

Monitoring Zone **Location Code** **Date** **Field ID** **Sample Type**

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be undertaken
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Metals									
						Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		3
>=1m, <2m																		3
>=2m, <4m																		3
>=4m																		3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		**77**
>=2m, <4m																		**160**
>=4m																		**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**		-	-	2	55	-	1,480	746	-	0.2	27	-	4,370	<0.2
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**		-	-	<1	14	-	80	105	-	0.7	11	-	878	<0.2
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**		-	-	<1	8	-	32	22	-	<0.1	22	-	142	<0.2
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**		-	-	<1	8	-	36	17	-	<0.1	21	-	105	<0.2
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**		-	-	4	146	-	1,200	1,600	-	1.2	87	-	12,900	<0.2
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**		-	-	<1	18	-	114	92	-	3.7	19	-	668	<0.2
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**		-	-	3	102	-	908	1,290	-	1.9	70	-	10,600	<0.2
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	0.1	<5	-	13	<0.1
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	0.4	<5	-	<5	<0.1
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	5.1	<0.1
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**		-	-	<0.4	<5	-	<5	6.0	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**		-	-	<0.4	6.8	-	<5	5.2	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**		-	-	<0.4	<5	-	<5	5.0	-	<0.1	<5	-	6.8	<0.1
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**		-	-	<0.4	73	-	<5	10	-	<0.1	13	-	41	<0.1
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**		-	-	<0.4	9.0	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**		-	-	<0.4	34	-	<5	9.7	-	<0.1	9.4	-	16	<0.1
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**		-	-	<0.4	16	-	<5	6.7	-	0.2	<5	-	26	<0.1
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	18	<0.1
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	6.2	<0.1
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	5.7	<0.1
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**		-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Metals													
	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													3
>=1m, <2m													3
>=2m, <4m													3
>=4m													3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													**77**
>=2m, <4m													**160**
>=4m													**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP													

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_6.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_14.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH13	26 Nov 2019	BH13_ACM_0.2	Normal	-	-	<0.4	13	-	28	11	-	<0.1	51	-	55	<0.1
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_2.5	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	6.8	<0.1
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_3.5	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_9.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_15.40	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH14	26 Nov 2019	BH14_ACM_0.5	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_2.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	9.4	<0.1
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_4.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	6.5	<0.1
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_6.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_16.50	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH15	27 Nov 2019	BH15_ACM_0.5	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	6.1	<0.1
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_3.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<1,000.0
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_6.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_9.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_12.30	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_2.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_4.5	Normal	-	-	<0.4	43	-	<5	<5	-	<0.1	10.0	-	7.3	<0.1
DU15	WSP2020c_BH17	22 Nov 2019	BH17_T200_3.0	Normal	-	-	<0.4	7	-	<5	<5	-	<0.1	<5	-	8	<0.1
DU15	WSP2020c_BH17	27 Nov 2019	BH17_ACM_1.3	Normal	-	-	<0.4	5.9	-	<5	5.8	-	<0.1	<5	-	28	<0.1
DU15	WSP2020c_BH18	28 Nov 2019	BH18_ACM_1.0	Normal	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	8.9	<0.1
DU15	WSP2020c_BH19	28 Nov 2019	BH19_ACM_7.5	Normal	-	-	<0.4	250	-	6.9	14	-	<0.1	18	-	22	<0.1
DU15	WSP2020c_BH20	29 Nov 2019	BH20_ACM_0.3	Normal	-	-	<0.4	<5	-	13	<5	-	<0.1	20	-	17	<0.1
DU15	WSP2021f_TP01	18 Mar 2021	TP01_0.1	Normal	-	-	0.8	23	-	58	55	-	0.1	21	-	340	<0.1
DU15	WSP2021f_TP01	18 Mar 2021	TP01_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2021f_TP02	18 Mar 2021	TP02_0.5	Normal	-	-	<0.4	<5	-	15	16	-	<0.1	<5	-	56	<0.1
DU15	WSP2021f_TP02	18 Mar 2021	TP02_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.1	Normal	-	-	<0.4	55	-	57	66	-	1.2	21	-	2,700.0	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Metals									
						Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		3
>=1m, <2m																		3
>=2m, <4m																		3
>=4m																		3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		**77**
>=2m, <4m																		**160**
>=4m																		**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**		-	-	<0.4	<5	-	<5	6.2	-	<0.1	<5	-	71	<0.1
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**		-	-	<0.4	7.2	-	15	22	-	<0.1	8.9	-	150	<0.1
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**		-	-	<0.4	<5	-	9.5	5.3	-	<0.1	5.5	-	32	<0.1
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**		-	-	<0.4	17	-	23	26	-	0.1	24	-	190	<0.1
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**		-	-	8.5	210	-	2,900.0	5,600.0	-	3.5	78	-	18,000.0	<0.1
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**		-	-	5	160	-	1,000.0	2,500.0	-	0.9	100	-	5,600.0	<0.1
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**		-	-	0.9	34	-	260	630	-	0.1	17	-	2,700.0	<0.1
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**		-	-	5.1	190	-	2,100.0	3,000.0	-	0.6	72	-	11,000.0	<0.1
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**		-	-	1.3	54	-	430	490	-	0.7	47	-	3,600.0	<0.1
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**		-	-	<0.4	48	-	73	94	-	0.4	34	-	630	<0.1
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**		-	-	1.5	52	-	350	430	-	0.9	40	-	3,300.0	<0.1
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**		-	-	5	150	-	1,000.0	1,500.0	-	2.7	75	-	10,000.0	<0.1
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**		-	-	<0.4	41	-	160	130	-	1.4	34	-	700	<0.1
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**		-	-	13	260	-	3,700.0	8,100.0	-	1.2	110	-	21,000.0	<0.1
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**		-	-	<0.4	100	-	110	130	-	0.8	48	-	520	<0.1
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Metals									
						Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		3
>=1m, <2m																		3
>=2m, <4m																		3
>=4m																		3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		**77**
>=2m, <4m																		**160**
>=4m																		**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**		-	-	<0.4	26	-	35	31	-	0.2	35	-	190	<0.1
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**		-	-	<0.4	7	-	15	11	-	<0.1	<5	-	130	<0.1
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**		-	-	<0.4	42	-	190	330	-	1.9	31	-	1,200.0	<0.1
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**		-	-	<0.4	34	-	1,500.0	210	-	0.3	29	-	710	<0.1
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**		-	-	<0.4	64	-	270	170	-	2.3	40	-	1,000.0	<0.1
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**		-	-	1.1	180	-	980	680	-	2.3	56	-	4,000.0	<0.1
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**		-	-	2.1	86	-	770	1,000.0	-	1.5	67	-	7,300.0	<0.1
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**		-	-	3.7	130	-	1,000.0	1,300.0	-	3.1	150	-	8,800.0	<0.1
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**		-	-	1.9	150	-	2,500.0	1,700.0	-	4.1	72	-	6,100.0	<0.1
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**		-	-	1.2	140	-	650	940	-	2	100	-	3,600.0	<0.1
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**		-	-	1.7	72	-	570	670	-	1.9	46	-	4,000.0	<0.1
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**		-	-	<0.4	16	-	39	23	-	0.2	34	-	130	<0.1
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**		-	-	4.9	160	-	2,000	3,400	-	0.7	67	-	19,000	<0.1
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**		-	-	<0.4	13	-	63	81	-	<0.1	<5	-	520	<0.1
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**		-	-	2.6	140	-	1,100	1,200	-	2	58	-	6,800	<0.1
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**		-	-	<0.4	<5	-	<5	9.3	-	<0.1	<5	-	34	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Metals											
						Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		3
>=1m, <2m																		3
>=2m, <4m																		3
>=4m																		3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		**77**
>=2m, <4m																		**160**
>=4m																		**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	-	-	<0.4	17	-	25	20	-	<0.1	19	-	170	<0.1
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	-	-	<0.4	11	-	91	63	-	<0.1	6	-	550	<0.1
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	-	-	<0.4	<5	-	19	18	-	<0.1	<5	-	130	<0.1
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	<0.4	20	-	<5	21	-	<0.1	<5	-	12	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	1.2	26	-	51	280	-	0.6	<5	-	140	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	0.7	130	-	410	530	-	0.9	21	-	1,500	<0.1
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	-	-	0.4	65	-	210	310	-	0.3	15	-	790	<0.1
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	33	-	270	190	-	-	16	-	1,000	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	150	-	220	310	-	-	20	-	2,000	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	29	-	160	160	-	-	25	-	1,600	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	-	-	<0.4	28	-	41	29	-	0.6	41	-	170	<0.1
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	37	<0.1
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	-	-	<0.4	20	-	91	70	-	0.2	11	-	670	<0.1
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	-	-	<0.4	<5	-	<5	<5	-	<0.1	<5	-	42	<0.1
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	<0.4	20	-	82	66	-	<0.1	55	-	390	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	-	-	1.6	71	-	350	1,500	-	0.5	62	-	2,100	<0.1
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	1.5	59	-	480	1,100	-	0.5	43	-	4,500	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	1.3	74	-	450	890	-	0.8	45	-	3,500	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	-	-	<0.4	8.9	-	66	93	-	<0.1	5.7	-	610	<0.1
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	47	-	400	200	-	-	45	-	1,300	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	74	-	520	350	-	-	21	-	4,100	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	29	-	300	440	-	-	26	-	3,200	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	1.1	110	-	1,500	910	-	2.1	67	-	5,900	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	0.8	80	-	800	690	-	1.4	50	-	4,600	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	1.2	120	-	940	900	-	0.8	69	-	6,500	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	-	-	0.6	67	-	360	310	-	0.6	38	-	2,300	<0.1
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	-	-	<0.4	23	-	36	34	-	0.2	12	-	260	<0.1
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	68	-	1,600	530	-	-	48	-	4,600	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Metals									
						Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		3
>=1m, <2m																		3
>=2m, <4m																		3
>=4m																		3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		**77**
>=2m, <4m																		**160**
>=4m																		**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**		-	-	-	190	-	2,600	1,700	-	-	100	-	15,000	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**		-	-	-	190	-	3,000	1,900	-	-	120	-	17,000	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**		-	-	<0.4	13	-	110	14	-	<0.1	5.1	-	83	<0.1
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**		-	-	<0.4	10	-	23	7.6	-	<0.1	21	-	43	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**		-	-	<0.4	20	-	110	53	-	0.2	38	-	690	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**		-	-	<0.4	<5	-	21	8.2	-	0.1	6.3	-	74	<0.1
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**		-	-	-	13	-	61	38	-	-	18	-	230	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**		-	-	-	15	-	77	43	-	-	21	-	350	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**		-	-	-	15	-	62	30	-	-	19	-	200	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**		-	-	<0.4	9.6	-	27	33	-	<0.1	9.4	-	100	<0.1
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**		-	-	1.9	63	-	470	660	-	1	37	-	5,400	<0.1
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**		-	-	<0.4	12	-	63	73	-	<0.1	<5	-	440	<0.1
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**		-	-	<0.4	<5	-	<5	8.5	-	<0.1	<5	-	54	<0.1
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**		-	-	1.9	70	-	540	830	-	0.8	57	-	5,500	<0.1
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**		-	-	2	120	-	930	1,100	-	0.2	57	-	9,200	<0.1
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**		-	-	<0.4	19	-	140	170	-	<0.1	9.6	-	1,500	<0.1
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**		-	-	0.8	23	-	58	55	-	0.1	21	-	340	<0.1
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**		-	-	<0.4	19	-	45	98	-	0.2	8.4	-	220	<0.1
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**		-	-	<0.4	<5	-	15	16	-	<0.1	<5	-	56	<0.1
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**		-	-	<0.4	55	-	57	66	-	1.2	21	-	2,700	<0.1
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**		-	-	<0.4	<5	-	<5	6.2	-	<0.1	<5	-	71	<0.1
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**		-	-	<0.4	25	-	37	42	-	0.5	20	-	340	<0.1
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**		-	-	<0.4	7.2	-	15	22	-	<0.1	8.9	-	150	<0.1
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**		-	-	<0.4	<5	-	9.5	5.3	-	<0.1	5.5	-	32	<0.1
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Metals												
	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													3
>=1m, <2m													3
>=2m, <4m													3
>=4m													3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													**77**
>=2m, <4m													**160**
>=4m													**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP													

Monitoring Zone	Location Code	Date	Field ID	Sample Type												
DU15	WSP2023g_TP05	16 Aug 2022	TP05_SY_0.15	Normal	-	-	<0.4	18	-	34	26	-	0.4	14	-	290	<0.1
DU15	WSP2023g_TP06	18 Mar 2021	TP06_1.0	Normal	-	-	<0.4	17	-	23	26	-	0.1	24	-	190	<0.1
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.3	Normal	-	-	8.5	210	-	2,900	5,600	-	3.5	78	-	18,000	<0.1
DU15	WSP2023g_TP07	17 Mar 2021	TP07_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.5	Normal	-	-	<0.4	8.3	-	21	15	-	0.3	11	-	190	<0.1
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.15	Normal	-	-	0.5	31	-	50	55	-	3.5	29	-	4,100	<0.1
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_1.0	Normal	-	-	<0.4	<5	-	11	9.2	-	<0.1	<5	-	81	<0.1
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_2.0	Normal	-	-	<0.4	<5	-	7	5.9	-	<0.1	<5	-	45	<0.1
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP08	17 Mar 2021	TP08_1.0	Normal	-	-	5	160	-	1,000	2,500	-	0.9	100	-	5,600	<0.1
DU15	WSP2023g_TP09	17 Mar 2021	TP09_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP09	17 Mar 2021	TP09_1.0	Normal	-	-	0.9	34	-	260	630	-	0.1	17	-	2,700	<0.1
DU15	WSP2023g_TP09	17 Mar 2021	TP09_2.0	Normal	-	-	5.1	190	-	2,100	3,000	-	0.6	72	-	11,000	<0.1
DU15	WSP2023g_TP09	16 Aug 2022	TP09_SY_0.15	Normal	-	-	<0.4	36	-	22	18	-	<0.1	43	-	75	<0.1
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.5	Normal	-	-	1.3	54	-	430	490	-	0.7	47	-	3,600	<0.1
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.1	Normal	-	-	<0.4	48	-	73	94	-	0.4	34	-	630	<0.1
DU15	WSP2023g_TP12	17 Mar 2021	TP12_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP12	16 Aug 2022	TP12_SY_0.15	Normal	-	-	1.1	64	-	120	84	-	2.6	39	-	3,800	<0.1
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.6	Normal	-	-	1.5	52	-	350	430	-	0.9	40	-	3,300	<0.1
DU15	WSP2023g_TP13	16 Aug 2022	TP13_SY_0.15	Normal	-	-	<0.4	19	-	25	10	-	0.2	25	-	73	<0.1
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP14	16 Mar 2021	TP14_2.0	Normal	-	-	5	150	-	1,000	1,500	-	2.7	75	-	10,000	<0.1
DU15	WSP2023g_TP14	16 Aug 2022	TP14_SY_0.15	Normal	-	-	<0.4	11	-	39	26	-	0.3	14	-	230	<0.1
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.3	Normal	-	-	<0.4	41	-	160	130	-	1.4	34	-	700	<0.1
DU15	WSP2023g_TP15	17 Mar 2021	TP15_1.0	Normal	-	-	13	260	-	3,700	8,100	-	1.2	110	-	21,000	<0.1
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.3	Normal	-	-	<0.4	100	-	110	130	-	0.8	48	-	520	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Metals									
						Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		3
>=1m, <2m																		3
>=2m, <4m																		3
>=4m																		3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		**77**
>=2m, <4m																		**160**
>=4m																		**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**		-	-	<0.4	35	-	57	37	-	1.5	50	-	350	<0.1
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**		-	-	<0.4	26	-	35	31	-	0.2	35	-	190	<0.1
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**		-	-	0.6	58	-	570	390	-	1.5	87	-	4,800	<0.1
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**		-	-	<0.4	30	-	270	230	-	0.8	19	-	1,400	<0.1
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**		-	-	0.7	59	-	610	420	-	2.8	60	-	2,200	<0.1
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**		-	-	3	320	-	3,900	3,400	-	0.6	180	-	29,000	<0.1
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**		-	-	<0.4	7	-	15	11	-	<0.1	<5	-	130	<0.1
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**		-	-	<0.4	42	-	190	330	-	1.9	31	-	1,200	<0.1
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**		-	-	2.7	130	-	1,100	1,700	-	2.2	74	-	12,000	<0.1
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**		-	-	<0.4	34	-	1,500	210	-	0.3	29	-	710	<0.1
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**		-	-	<0.4	64	-	270	170	-	2.3	40	-	1,000	<0.1
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**		-	-	1.1	180	-	980	680	-	2.3	56	-	4,000	<0.1
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**		-	-	<0.4	15	-	32	28	-	0.7	11	-	160	<0.1
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**		-	-	0.5	96	-	2,100	380	-	2.1	32	-	1,800	<0.1
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**		-	-	3.3	130	-	800	1,200	-	1	48	-	8,100	<0.1
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**		-	-	6.8	180	-	1,700	2,900	-	0.5	59	-	19,000	<0.1
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**		-	-	2.1	86	-	770	1,000	-	1.5	67	-	7,300	<0.1
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**		-	-	2.2	320	-	1,400	1,100	-	3.9	140	-	6,700	<0.1
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**		-	-	3.7	130	-	1,000	1,300	-	3.1	150	-	8,800	<0.1
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**		-	-	<0.4	38	-	23	18	-	0.3	8.3	-	130	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Metals												
	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													3
>=1m, <2m													3
>=2m, <4m													3
>=4m													3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													**77**
>=2m, <4m													**160**
>=4m													**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP													

Monitoring Zone	Location Code	Date	Field ID	Sample Type													
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_1.0	Normal	-	-	0.8	100	-	610	530	-	1.3	36	-	3,300	<0.1
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_2.0	Normal	-	-	3.6	97	-	950	1,300	-	0.4	58	-	7,300	<0.1
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_3.0	Normal	-	-	3.1	100	-	12,000	1,700	-	0.6	96	-	5,100	<0.1
DU15	WSP2023g_TP27	17 Mar 2021	TP27_0.1	Normal	-	-	1.9	150	-	2,500	1,700	-	4.1	72	-	6,100	<0.1
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP28	17 Mar 2021	TP28_1.0	Normal	-	-	1.2	140	-	650	940	-	2	100	-	3,600	<0.1
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP29	18 Mar 2021	TP29_1.0	Normal	-	-	1.7	72	-	570	670	-	1.9	46	-	4,000	<0.1
DU15	WSP2023g_TP29	17 Aug 2022	TP29_SY_0.15	Normal	-	-	<0.4	11	-	42	51	-	<0.1	11	-	300	<0.1
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.1	Normal	-	-	<0.4	16	-	39	23	-	0.2	34	-	130	<0.1
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP30	18 Mar 2021	TP30_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP30	18 Mar 2021	TP30_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.15	Normal	-	-	0.9	49	-	320	360	-	0.6	40	-	2,600	<0.1
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_1.0	Normal	-	-	2.7	83	-	1,100	1,200	-	1.1	49	-	9,400	<0.1
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_2.0	Normal	-	-	1.6	33	-	320	460	-	0.6	19	-	3,500	<0.1
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_3.0	Normal	-	-	1.7	71	-	480	1,100	-	2.4	94	-	3,300	<0.1
DU15	WSP2023g_TP33	17 Aug 2022	TP33_SY_0.15	Normal	-	-	1.5	160	-	870	760	-	2.6	58	-	5,400	<0.1
DU15	WSP2023g_TP34	17 Aug 2022	TP34_SY_0.15	Normal	-	-	1.3	49	-	480	580	-	0.3	65	-	5,000	<0.1
DU15	WSP2023g_TP38	17 Aug 2022	TP38_SY_0.15	Normal	-	-	0.5	48	-	190	210	-	1	26	-	1,800	<0.1
DU15	WSP2024g_TP01	28 May 2024	TP01_0.7	Normal	<2	<10	<0.4	27	6	65	52	87	6.3	33	<2	130	<0.1
DU15	WSP2024g_TP01	28 May 2024	TP01_2.5	Normal	<2	<10	1	160	17	85	30	120	21	130	<2	410	<0.1
DU15	WSP2024g_TP02	27 May 2024	TP02_0.1	Normal	<2	<10	<0.4	13	<5	18	25	260	<0.1	11	<2	80	<0.1
DU15	WSP2024g_TP02	27 May 2024	TP02_1.5	Normal	<2	<10	<0.4	6.5	<5	38	7.5	39	28	5.2	<2	150	<0.1
DU15	WSP2024g_TP03	27 May 2024	TP03_0.1	Normal	<2	23	<0.4	61	10	60	29	500	1.3	85	<2	1,100	<0.1
DU15	WSP2024g_TP03	27 May 2024	TP03_2.0	Normal	<2	<10	<0.4	28	7.7	71	70	140	22	19	<2	250	<0.1
DU15	WSP2024g_TP04	27 May 2024	TP04_0.1	Normal	<2	<10	<0.4	33	7.2	60	38	150	1.5	21	<2	240	<0.1
DU15	WSP2024g_TP04	27 May 2024	TP04_0.8	Normal	<2	<10	<0.4	5.4	<5	<5	7.3	13	<0.1	<5	<2	40	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Metals										
					Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	3
>=1m, <2m																	3
>=2m, <4m																	3
>=4m																	3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	**77**
>=2m, <4m																	**160**
>=4m																	**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<2	<10	0.5	36	13	200	220	390	1.3	31	<2	1,300	<0.1
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	<2	<10	<0.4	20	5.7	74	63	150	5.2	15	<2	230	<0.1
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	<2	13	<0.4	22	<5	44	27	95	18	23	<2	150	<0.1
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<2	<10	<0.4	<5	<5	<5	<5	<5	<0.1	<5	<2	<5	<0.1
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<2	<10	<0.4	8.8	<5	15	29	73	1.5	<5	<2	19	<0.1
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	<2	<10	<0.4	6.5	<5	9.7	18	32	0.2	<5	<2	60	<0.1
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	<2	<10	<0.4	19	15	80	170	210	3.1	60	3.1	330	<0.1
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<2	<10	0.5	100	14	160	180	300	2.9	43	<2	880	<0.1
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	<2	<10	<0.4	37	5.4	270	350	28	0.2	8	<2	1,400	<0.1
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<2	<10	0.5	29	22	210	210	460	<0.1	53	<2	1,400	<0.1
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	<2	12	0.8	36	20	410	170	240	47	34	2.7	1,400	<0.1
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<2	<10	<0.4	<5	<5	<5	<5	<5	<0.1	<5	<2	<5	<0.1
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	<2	33	2.1	80	20	600	1,000	180	1.8	45	3.4	6,800	<1
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	<2	<10	<0.4	<5	<5	<5	9.5	11	0.4	<5	<2	12	<0.1
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	<2	<10	<0.4	15	<5	46	64	130	0.7	8.1	<2	370	<0.1
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<2	<10	<0.4	36	<5	16	42	73	2.3	22	<2	52	<0.1
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<2	<10	<0.4	16	<5	92	120	55	0.2	9.8	<2	680	<0.1
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	<2	260	16	420	120	4,900	5,300	1,000	0.4	180	8.8	44,000	<0.1
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	<2	<10	<0.4	12	<5	36	45	46	1.7	5.1	<2	230	<0.1
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<2	72	3	190	33	1,000	850	220	2	50	<2	6,700	<0.1
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	<2	<10	<0.4	<5	<5	<5	11	5.7	0.1	<5	<2	<5	<0.1
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<2	11	<0.4	63	7.1	140	190	42	0.2	9.4	<2	1,800	<0.1
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<2	31	1.5	51	13	360	470	140	0.6	28	2.4	4,800	<0.1
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	<2	<10	0.8	28	6.8	120	91	170	0.8	25	<2	680	<0.1
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<2	<10	<0.4	8.8	<5	21	46	7.2	<0.1	<5	<2	360	<0.1
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	<2	99	6.3	140	43	1,600	2,900	340	0.8	60	2.5	23,000	<0.1
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	<2	90	5.8	150	49	1,600	2,200	350	1.2	63	2.5	18,000	<0.1
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	<2	<10	0.6	130	5.2	290	73	140	5.8	44	<2	820	<0.1
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	<2	<10	<0.4	5.3	<5	18	43	22	<0.1	<5	<2	230	<0.1

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Metals									
						Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		3
>=1m, <2m																		3
>=2m, <4m																		3
>=4m																		3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		**77**
>=2m, <4m																		**160**
>=4m																		**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**		<2	<10	<0.4	10	<5	12	12	190	<0.1	6.8	<2	42	<0.1
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**		<2	<10	<0.4	26	<5	31	73	25	1.7	<5	<2	380	<0.1
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**		<2	12	1.7	32	10	130	170	240	2.2	29	<2	1,100	<0.1
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**		<2	<10	0.5	19	<5	300	260	66	0.2	180	<2	1,200	<0.1
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**		<2	14	1.2	150	9.7	500	360	86	4.2	61	<2	1,300	<0.1
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**		<2	<10	<0.4	14	<5	100	96	53	0.5	9.3	<2	1,000	<0.1
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**		<2	<10	<0.4	<5	<5	<5	15	5.5	<0.1	<5	<2	19	<0.1
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**		<2	<10	0.5	28	11	130	130	140	26	24	<2	1,000	<0.1
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**		<2	64	5	120	41	1,500	2,600	310	0.8	80	3.9	16,000	<0.1
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**		<2	<10	<0.4	12	<5	26	14	45	0.2	9.3	<2	80	<0.1
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**		<2	<10	<0.4	8.6	<5	14	16	11	1	<5	<2	57	<0.1
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**		<2	30	1.4	50	17	460	230	150	1.1	37	<2	3,100	<0.1
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**		<2	59	4.2	170	45	1,400	860	200	7.8	61	<2	7,100	<0.1
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**		<2	14	1	40	11	260	210	120	1.1	26	<2	1,500	<0.1
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**		<2	<10	<0.4	23	5.2	240	280	30	0.8	8.3	<2	1,300	<0.1
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**		<2	<10	<0.4	<5	<5	<5	<5	26	<0.1	<5	<2	280	<0.1
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**		<2	<10	0.5	23	5.2	150	210	71	0.2	9.5	<2	2,000	<0.1
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**		<2	170	18	210	49	1,500	3,000	590	2.3	73	3.3	17,000	<0.1
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**		<2	<10	<0.4	<5	<5	13	22	7.9	<0.1	<5	<2	150	<0.1
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**		<2	<10	<0.4	<5	<5	15	23	8.4	<0.1	<5	<2	200	<0.1
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**		<2	<10	<0.4	<5	<5	<5	9.1	<5	0.2	130	<2	14	<1
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**		<2	<10	<0.4	<5	<5	<5	<5	5.4	<0.1	<5	<2	<5	<0.1
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**		<2	18	1.9	59	17	550	850	170	1.3	30	<2	5,300	<0.1
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**		<2	20	1.3	53	15	340	940	110	2.7	25	<2	3,400	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Metals												
	Beryllium	Boron	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	2	10	0.4	1	5	1	1	5	0.1	1	2	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													3
>=1m, <2m													3
>=2m, <4m													3
>=4m													3
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	500	300,000	900	3,600[#4]	4,000	240,000	1,500[#5]	60,000	730[#6]	6,000	10,000	400,000	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													**77**
>=2m, <4m													**160**
>=4m													**NL**
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP													

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp				

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	<0.1	<0.1	500	<0.1	500	-	8.1	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	<0.1	<0.1	300	<0.1	<0.3	-	5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	2.3	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	0.4	<0.1	<0.2	<0.1	<0.3	-	0.6	0.6	<0.5	1.2	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	0.2	0.8	2	0.2	2.1	-	2.4	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	<0.1	0.4	6.4	0.9	7.3	-	3.3	0.6	<0.5	1.2	1.2	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	<0.1	2.1	11	1.2	12	-	2.8	0.6	<0.5	1.2	2.0	<0.5
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	3.5	3.7	15	3	18	-	12	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	1.8	1.8	7	1	8.1	-	5.7	0.6	<0.5	1.2	1.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	<1,000.0	<1,000.0	<2,000.0	<1,000.0	<3,000.0	-	57	0.6	<0.5	1.2	30	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	0.1	0.8	0.9	0.2	1.1	-	20	0.6	<0.5	1.2	9.6	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	5..9	0.6	<0.5	1.2	2.7	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	1.8	<0.5
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	<0.5	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	<0.1	<0.1	0.4	0.4	0.8	-	-	0.6	<0.5	1.2	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	0.5	<0.5
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	11	11	11	<0.5	<0.5
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	<0.1	0.2	<0.2	<0.1	<0.3	-	-	2.2	1.9	2.5	2.7	<0.5
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	1.5	1.3	1.8	<0.5	<0.5
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	0.3	<0.1	0.5	0.2	0.7	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.9	0.6	1.2	<0.5	<0.5
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	3.4	3.4	3.4	<0.5	<0.5
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	1.6	1.3	1.8	<0.5	<0.5
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	11	11	11	2.4	<0.5
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	1	0.6	1.3	1	<0.5
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	63	63	63	290	5.7
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	2.7	2.4	3	2.1	<0.5
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	3.7	<0.5
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	11	0.7
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Monocyclic Aromatic Hydrocarbons											
	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m	NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m	NL	NL			NL [#2]		NL				NL	
>=2m, <4m	NL	NL			NL		NL				NL	
>=4m	NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m	**NL**	**NL**			**NL**		**NL**					
>=2m, <4m	**NL**	**NL**			**NL**		**NL**					
>=4m	**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**								
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	1.2	<0.5	<0.5
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	54	54	-	5.2	1.8
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	<0.1	<0.1	0.4	0.4	0.8	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	<0.1	0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	0.5	<0.5
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	11	11	-	<0.5	<0.5
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	<0.1	0.2	<0.2	<0.1	<0.3	-	-	2.2	1.9	-	2.7	<0.5
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	1.5	1.3	-	<0.5	<0.5
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	<0.1	0.1	<0.2	0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	0.3	<0.1	0.5	0.2	0.7	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.9	0.6	-	<0.5	<0.5
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	3.4	3.4	-	<0.5	<0.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	0.3	<0.1	0.3	0.1	0.4	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.7	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	1.1	0.7	-	1.4	<0.5
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	5.9	5.9	-	<0.5	<0.5
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	1.6	1.3	-	<0.5	<0.5
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	<0.1	0.2	<0.2	<0.1	<0.3	-	-	2.2	1.9	-	1.2	<0.5
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.6	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	13	-	1.7	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	<0.1	<0.1	0.3	<0.1	-	-	-	-	5.9	-	3.8	0.6
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	0.8	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	0.8	<0.1	0.3	<0.1	-	-	-	-	0.6	-	<0.5	<0.5
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	0.1	<0.1	<0.2	0.1	-	-	-	-	14	-	1.9	0.6
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	1.4	0.1	0.6	0.2	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	0.2	<0.1	<0.2	<0.1	-	-	-	-	1.2	-	<0.5	<0.5
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	0.4	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	<0.1	<0.1	<0.2	0.3	-	-	-	-	15	-	3.5	1.1
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	<1	<1	<2	<1	-	-	-	-	55	-	22	1
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	0.7	<0.1	0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	1.9	-	<0.5	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	<0.1	<0.1	<0.2	0.7	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	0.6	<0.5
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	8.1	-	0.6	<0.5
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	10	-	<0.5	<0.5
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	<0.1	0.4	0.3	0.1	-	-	-	-	<0.5	-	5.2	0.6
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons												
					Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m					NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m					NL	NL			NL [#2]		NL				NL	
>=2m, <4m					NL	NL			NL		NL				NL	
>=4m					NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m					**NL**	**NL**			**NL**		**NL**					
>=2m, <4m					**NL**	**NL**			**NL**		**NL**					
>=4m					**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.1	0.1	<0.2	<0.1	-	-	-	-	0.6	-	1.2	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	1	-	<0.5	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	0.2	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	3.5	-	<0.5	<0.5
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	<0.1	<0.1	<0.2	0.1	-	-	-	-	56	-	8.3	1.7
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.1	0.3	<0.2	<0.1	-	-	-	-	<0.5	-	0.8	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	<0.1	<0.1	<0.2	0.7	-	-	-	-	1	-	1	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	0.2	<0.1	<0.2	0.2	-	-	-	-	6.1	-	3.9	2
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	1.7	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	<0.5	<0.5
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	2.3	<0.1	<2	<1	-	-	-	-	11	-	19	2.3
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	<0.5	-	5.3	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	<0.1	<0.1	<0.2	<0.1	-	-	-	-	5.2	-	<0.5	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	<0.1	<0.1	<0.2	0.1	-	-	-	-	28	-	2.1	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Monocyclic Aromatic Hydrocarbons											
	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.2	0.1	0.3	0.2		0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand												
>=0m, <1m	NL [#2]	NL [#2]			230		NL [#2]				NL [#2]	
>=1m, <2m	NL	NL			NL [#2]		NL				NL	
>=2m, <4m	NL	NL			NL		NL				NL	
>=4m	NL	NL			NL		NL				NL	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								40[#7]	40[#7]	40[#7]		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand												
>=0m, <2m	**NL**	**NL**			**NL**		**NL**					
>=2m, <4m	**NL**	**NL**			**NL**		**NL**					
>=4m	**NL**	**NL**			**NL**		**NL**					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Polynuclear Aromatic Hydrocarbons												
						Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m									NL										
>=1m, <2m									NL										
>=2m, <4m									NL										
>=4m									NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m									**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP						45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**		<0.5	0.8	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	0.7
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**		<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**		<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**		<0.5	<0.5	<0.5	-	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons												
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m								NL										
>=1m, <2m								NL										
>=2m, <4m								NL										
>=4m								NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m								**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	<0.5	<0.5	<0.5	-	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	<0.5	1.5	8.2	-	19	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	2.5	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	<0.5	0.6	<0.5	-	6.7	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.9	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	<0.5	<0.5	<0.5	-	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	<0.5	<0.5	<0.5	-	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons													
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m								NL										
>=1m, <2m								NL										
>=2m, <4m								NL										
>=4m								NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m								**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	<0.5	0.6	0.8	<0.5	2.6	0.5	<0.5	<0.5	<0.5	<0.5	-	0.6	2.5	<0.5
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.7	1.8	<0.5
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	2	1.6	8.3	-	8.8	0.9	23
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	<0.5	<0.5	<0.5	2.8	1.2	0.6	0.8	<0.5	1.1	1.6	-	5.1	2.6	1.2
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	2.8	2.4	0.8	0.6	1	1	-	1.2	2.1	0.6
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Polynuclear Aromatic Hydrocarbons												
						Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m									NL										
>=1m, <2m									NL										
>=2m, <4m									NL										
>=4m									NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m									**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP						45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**		<0.5	<0.5	<0.5	<0.5	0.6	0.8	0.5	<0.5	<0.5	0.5	-	<0.5	1.1	<0.5
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**		1.2	0.8	0.6	<0.5	2.4	3.7	2.1	1.1	1.5	2.2	-	1.7	3.8	1.1
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	1.5	0.8	0.7	0.9	1	-	0.5	1.4	0.7
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.7	<0.5
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**		1.2	2.4	2.4	0.9	9.5	1.2	3.6	2.4	2.4	8.3	-	19	12	4.8
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**		<0.5	<0.5	<0.5	0.9	0.6	<0.5	<0.5	<0.5	<0.5	0.6	-	<0.5	<0.5	0.7
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Polynuclear Aromatic Hydrocarbons												
						Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m									NL										
>=1m, <2m									NL										
>=2m, <4m									NL										
>=4m									NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m									**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP						45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**		<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.6	<0.5	<0.5
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**		<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**		23	22	41	19	170	10	35	10	13	44	-	100	66	41
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**		<0.5	2.1	1.1	1.7	3.2	1.1	2.1	<0.5	<0.5	2.1	-	3.2	2.1	2.1
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**		1.4	0.9	3.5	5.2	6.6	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.9	0.6	<0.5
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**		1.1	0.9	6.7	3.9	12	<0.5	<0.5	<0.5	<0.5	<0.5	-	1.1	1.3	<0.5
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**		-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Polynuclear Aromatic Hydrocarbons														
	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m				NL										
>=1m, <2m				NL										
>=2m, <4m				NL										
>=4m				NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m				**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	<0.5	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	<0.5	0.6	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	0.6	<0.5
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	5.6	2.5	10	<0.5	34	10	56	5.4	21	34	54	85	47	27
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	<0.5	<0.5	<0.5	5.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.7	<0.5	<0.5
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons												
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m								NL										
>=1m, <2m								NL										
>=2m, <4m								NL										
>=4m								NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m								**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	<0.5	0.6	0.8	<0.5	2.6	0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	2.5	<0.5
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.7	1.8	<0.5
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	2	1.6	8.3	11	8.8	0.9	23
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	<0.5	<0.5	<0.5	2.8	1.2	0.6	0.8	<0.5	1.1	1.6	2.5	5.1	2.6	1.2
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	2.8	2.4	0.8	0.6	1	1	1.8	1.2	2.1	0.6
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons													
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m								NL										
>=1m, <2m								NL										
>=2m, <4m								NL										
>=4m								NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m								**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	0.6	<0.5
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	0.6	0.8	0.5	<0.5	<0.5	0.5	1.2	<0.5	1.1	<0.5
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	1.2	0.8	0.6	<0.5	2.4	3.7	2.1	1.1	1.5	2.2	3.4	1.7	3.8	1.1
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	1.2	0.7	1	<0.5
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

						Polynuclear Aromatic Hydrocarbons										
						Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m									NL										
>=1m, <2m									NL										
>=2m, <4m									NL										
>=4m									NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m									**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP						45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**		<0.5	13	1.4	<0.5	2.7	1.1	<0.5	0.6	<0.5	<0.5	1.2	1	1.3	<0.5
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**		<0.5	1.5	0.9	4.2	1.2	1.7	0.9	<0.5	<0.5	0.6	1.4	3.2	2.2	0.9
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**		<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	1.8	4.4	5.9	2.4	1.4	2.8
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	1.5	0.8	0.7	0.9	1	1.8	0.5	1.4	0.7
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	0.7	<0.5
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**		-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	0.5	<0.5
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	0.5
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**		1.5	2.2	5.3	<0.5	6.8	2.5	3.9	1.7	1.4	1.1	2.5	9.8	8.3	1
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**		<0.5	<0.5	<0.5	<0.5	0.5	1	<0.5	<0.5	<0.5	<0.5	1.2	0.7	0.9	0.5
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**		1.9	<0.5	1.7	1.4	9.6	<0.5	2	<0.5	2.2	7.9	-	7.4	3.9	30
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**		4.6	3	3.7	5.1	21	<0.5	1.5	<0.5	<0.5	5.6	-	11	4.3	<0.5
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**		<0.5	<0.5	<0.5	0.7	2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons												
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m								NL										
>=1m, <2m								NL										
>=2m, <4m								NL										
>=4m								NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m								**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	-	1.1	0.6	1.1
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	2.6	3.6	3.1	1.9	20	<0.5	4.3	1.7	2.5	6.3	-	21	5.8	32
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	1.1	-	2.3	1.1	1.4
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	4.2	4.3	10	2.4	21	8.2	6	4.1	2.7	11	-	30	27	14
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	3.9	1.6	18	19	45	10	28	9.2	7.7	39	-	110	44	25
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.8	<0.5	<0.5
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	0.8	<0.5	2.3	<0.5	1.1	<0.5	0.9	1.6	-	5.6	2.3	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.6	<0.5	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	0.8	<0.5	1.1	<0.5	2.8	<0.5	1.4	1.8	1.7	6.4	-	20	4.9	4.6
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	<0.5	<0.5	1.6	<0.5	5.6	1.3	4.9	1.7	3.3	7.6	-	19	7.1	6.4
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	1.2	3.1	6.5	5.3	8.4	<0.5	0.5	<0.5	<0.5	<0.5	-	0.8	1.2	<0.5
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Polynuclear Aromatic Hydrocarbons													
					Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m								NL										
>=1m, <2m								NL										
>=2m, <4m								NL										
>=4m								NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m								**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	0.6	<0.5
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	<0.5	0.9	1.2	1.4	<0.5	<0.5	<0.5	<0.5	0.6	-	2.4	1.2	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	-	<0.5	1	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	<0.5	<0.5	0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.9	<0.5	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.5	-	3.6	0.6	3.7
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	4.2	3.8	14	10	40	12	28	4.2	17	43	-	70	48	30
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	<0.5	0.9	1.8	<0.5	4.1	<0.5	0.6	<0.5	<0.5	0.9	-	2.6	1.7	0.8
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	3.2	2.3	3	<0.5	3.3	2.4	2.5	2.5	2.5	2.8	-	3.3	2.7	3.2
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	11	2.2	19	15	46	3.6	7.3	2.3	1.6	6	-	10	12	18
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	1.7	1.1	3.1	8.8	16	<0.5	2.3	<0.5	<0.5	<0.5	-	5.1	3.8	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	5.2	<0.5	<0.5	3.7	-	9.8	4	3.6
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	3	<0.5	3.6	3.4	14	<0.5	4.7	<0.5	<0.5	18	-	31	11	32

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Polynuclear Aromatic Hydrocarbons														
	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m				NL										
>=1m, <2m				NL										
>=2m, <4m				NL										
>=4m				NL										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m				**NL**										
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]				2,100[#10]	23,000[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 7	0% oral bioavailability. Site-specific bioavailability maybe im	portant and should be cons	idered where approp	

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-	-	-
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-	-	-
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-	-	-
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-	-	-
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-	-	-
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	<0.5	<0.5	1.5	-	-	<0.1	-	-	-	-	-	-	-	-
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_6.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_14.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	26 Nov 2019	BH13_ACM_0.2	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_2.5	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_3.5	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_9.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_15.40	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	26 Nov 2019	BH14_ACM_0.5	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_2.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_4.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_6.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_16.50	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	27 Nov 2019	BH15_ACM_0.5	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_3.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_6.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_9.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_12.30	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_2.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_4.5	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	22 Nov 2019	BH17_T200_3.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	27 Nov 2019	BH17_ACM_1.3	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH18	28 Nov 2019	BH18_ACM_1.0	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH19	28 Nov 2019	BH19_ACM_7.5	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH20	29 Nov 2019	BH20_ACM_0.3	Normal	<0.5	<0.5	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_0.1	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_2.0	Normal	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_0.5	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_1.0	Normal	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.1	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	<0.5	<0.5	8.1	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	<0.5	<0.5	3.6	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	1.9	1.2	50.3	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	<0.5	<0.5	16.9	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<0.5	<0.5	12.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	<0.5	<0.5	3.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	0.6	1.1	23.9	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	<0.5	0.9	8.4	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	1.2	<0.5	73	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	<0.5	<0.5	2.9	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	WSP2023d_PMW102	12 Apr 2023	PMW102_0.5	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	12 Apr 2023	PMW102_4.5	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_0.3	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_4.0	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_3.0	Normal	<0.5	<0.5	0.6	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_3.5	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	19 Apr 2023	PMW104_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	19 Apr 2023	PMW104_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	19 Apr 2023	PMW104_3.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_0.5	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_9.0	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_0.1	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_6.0	Normal	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_1.3	Normal	11	5.7	890	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_3.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_4.6	Normal	<0.5	<0.5	21	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	19 Apr 2023	TP231_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	19 Apr 2023	TP231_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	19 Apr 2023	TP231_3.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_3.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_6.0	Normal	<0.5	<0.5	18	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_7.0	Normal	<0.5	<0.5	35	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	19 Apr 2023	TP232_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	<0.5	<0.5	3.9	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	9.7	5.1	360	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	<0.5	<0.5	8.1	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	<0.5	<0.5	3.6	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	1.9	1.2	50.3	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	<0.5	<0.5	16.9	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	<0.5	<0.5	12.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
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NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
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>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	<0.5	<0.5	1.2	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	<0.5	<0.5	3.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	0.6	1.1	23.9	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	<0.5	<0.5	0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	<0.5	<0.5	2.3	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
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CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
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Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	<0.5	<0.5	21	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	<0.5	<0.5	15	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	0.9	1.7	18	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	<0.5	0.9	8.4	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	<0.5	<0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	<0.5	<0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	<0.5	<0.5	47	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	<0.5	<0.5	3.6	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	3.8	1	81	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	<0.5	<0.5	63	0.3	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.5	<0.5	2.8	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2

DU15 - 1b: Soil Analytical Results – Human Health Screening

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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	WSP2024g_TP05	28 May 2024	TP05_0.5	Normal	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0	Normal	<0.5	<0.5	3.4	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.5	Normal	5.9	0.8	110	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_2.5	Normal	<0.5	<0.5	<0.5	0.7	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	WSP2024g_TP07	28 May 2024	TP07_0.1	Normal	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP07	28 May 2024	TP07_1.0	Normal	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_0.1	Normal	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_1.0	Normal	<0.5	<0.5	6.6	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP09	29 May 2024	TP09_0.1	Normal	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.4	Normal	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP10	29 May 2024	TP10_0.1	Normal	2.5	1.9	150	0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	29 May 2024	TP10_2.0	Normal	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	WSP2024g_TP11	29 May 2024	TP11_0.5	Normal	9.6	3.1	380	<3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP11	29 May 2024	TP11_2.0	Normal	<0.5	<0.5	0.8	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.1	Normal	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12__2.0	Normal	<0.5	<0.5	0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP13	28 May 2024	TP13_0.5	Normal	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	WSP2024g_TP13	28 May 2024	TP13_1.5	Normal	<0.5	<0.5	0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_0.1	Normal	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_1.5	Normal	<0.5	<0.5	15	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP15	31 May 2024	TP15_0.1	Normal	<0.5	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.5	Normal	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6	Normal	<0.5	<0.5	0.6	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP16	30 May 2024	TP16_2.0	Normal	<0.5	<0.5	0.6	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.1	Normal	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	WSP2024g_TP18	31 May 2024	TP18_0.5	Normal	0.9	0.7	48	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_0.6	Normal	1.4	0.5	60	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_2.5	Normal	<0.5	<0.5	28	0.4	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	WSP2024g_TP20	28 May 2024	TP20_2.5	Normal	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	<0.5	<0.5	0.6	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	<0.5	7.7	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	<0.5	2	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	<0.5	<0.5	2.1	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	0.9	0.6	12	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	7.2	3.3	330	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	<0.5	1.6	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	<0.5	<0.5	14	0.7	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	2.2	2.4	44	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	<0.5	<0.5	1.7	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	3.2	0.8	160	<3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.5	<0.5	38	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	0.8	<0.5	29	<0.3	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	9.2	1.8	130	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1	<1	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

				BTEX & MAH	NA	Polychlorinated Biphenyls								
	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Bolstar (Sulprofos)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			4,000[#8]			7[#9]								
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	2.1[#10]	21[#10]					27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]	0.99[#10]	

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU15	WSP2024g_TP05	28 May 2024	TP05_0.5	Normal	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_2.5	Normal	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP07	28 May 2024	TP07_0.1	Normal	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP07	28 May 2024	TP07_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_1.0	Normal	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP09	29 May 2024	TP09_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.4	Normal	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP10	29 May 2024	TP10_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	29 May 2024	TP10_2.0	Normal	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP11	29 May 2024	TP11_0.5	Normal	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP11	29 May 2024	TP11_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12__2.0	Normal	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP13	28 May 2024	TP13_0.5	Normal	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP13	28 May 2024	TP13_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_1.5	Normal	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP15	31 May 2024	TP15_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.5	Normal	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6	Normal	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP16	30 May 2024	TP16_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.1	Normal	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP18	31 May 2024	TP18_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_2.5	Normal	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP20	28 May 2024	TP20_2.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP				2,500[#10]			570[#10]		8,200[#10]					570[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp				

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

							Organophosphorus Pesticides (OP)									
							Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-		
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-		
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-		
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-		
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-		
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-		
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-		
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

DU15 - 1b: Soil Analytical Results – Human Health Screening

							Organophosphorus Pesticides (OP)									
							Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)													
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

							Organophosphorus Pesticides (OP)									
							Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)													
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

							Organophosphorus Pesticides (OP)									
							Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]			
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-

							Organophosphorus Pesticides (OP)									
							Malathion	Merphos	Monocrotophos	Naled (Dibrom)						
							mg/kg	mg/kg	mg/kg	mg/kg						
EQL							0.05	0.2	0.2	0.2						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m																
>=1m, <2m																
>=2m, <4m																
>=4m																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m																
>=2m, <4m																
>=4m																
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							16,000[#10]	35[#10]		2,300[#10]						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**												
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-						
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-						

DU15 - 1b: Soil Analytical Results – Human Health Screening

							Organophosphorus Pesticides (OP)									
							Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)													
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Organophosphorus Pesticides (OP)														
	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**											
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2

DU15 - 1b: Soil Analytical Results – Human Health Screening

							Organophosphorus Pesticides (OP)									
							Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP							7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)												
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Organophosphorus Pesticides (OP)														
	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]		2,300[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp				

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**										
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													45	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	4,900[#10]	210[#10]	160[#10]			58,000[#10]		29[#10]			0.18[#10]	0.14[#10]		0.36[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp				

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**								-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**								-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**								<0.2	<0.05	<0.05	<0.05	<0.05	<0.05		
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**								<0.2	<0.05	<0.05	<0.05	<0.05	<0.05		
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**								<0.2	<0.05	<0.05	<0.05	<0.05	<0.05		
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**								<0.2	<0.05	<0.05	<0.05	<0.05	<0.05		
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**								<0.2	<0.05	<0.05	<0.05	<0.05	<0.05		
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**								<0.2	<0.05	<0.05	<0.05	<0.05	<0.05		
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**								<0.2	<0.05	<0.05	<0.05	<0.05	<0.05		
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**								-	-	-	-	-	-		
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**								-	-	-	-	-	-		

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)								
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												Organochlorine Pesticides (OC)								
												DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate				
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
EQL												0.05	0.05	0.05	0.05	0.05				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil												3,600	2,000							
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP																4,900[#10]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.05	-	-	<0.05	<0.05	<0.05									

DU15 - 1b: Soil Analytical Results – Human Health Screening

													Organochlorine Pesticides (OC)						
													b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD
													mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL													0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		530	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP													1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

													Organochlorine Pesticides (OC)						
													DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
													mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL													0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															3,600	2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP													9.3[#10]	8.5[#10]					4,900[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	-	<0.05	-	-	<0.05	<0.05	<0.05								
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	-	<0.05	-	-	<0.05	<0.05	<0.05								
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	-	<0.05	-	-	<0.05	<0.05	<0.05								
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	-	<0.05	-	-	<0.05	<0.05	<0.05								
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	-	<0.05	-	-	<0.05	<0.05	<0.05								
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	-	-	-	-	-	-	-								
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	-	<0.5	-	-	<0.5	<0.5	<0.5								
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	-	-	-	-	-	-	-								

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Organochlorine Pesticides (OC)							
												b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL												0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	530		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.05	<0.05	<0.05	-	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	<0.5	<0.5	<0.5	-	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5

												Organochlorine Pesticides (OC)							
												DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate		
												mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EQL												0.05	0.05	0.05	0.05	0.05	0.05		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,600	2,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP												8.5[#10]					4,900[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.05	-	-	<0.05	<0.05	<0.05									
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.05	-	-	<0.05	<0.05	<0.05									
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.05	-	-	<0.05	<0.05	<0.05									
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.05	-	-	<0.05	<0.05	<0.05									
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	-	-	-	-	-	-									
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5									

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	Organochlorine Pesticides (OC)													
	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
>=0m, <1m														
>=1m, <2m														
>=2m, <4m														
>=4m														
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						530				3,600	2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand														
>=0m, <2m														
>=2m, <4m														
>=4m														
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	1.3[#10]		2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp				

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	19.3	-	-
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	22.6	-	-
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	28.2	-	-
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	18.8	-	-
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	9.8	-	-
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	21.5	-	-
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	17.3	-	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

													Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_14.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH13**	**26 Nov 2019**	**BH13_ACM_0.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**20 Nov 2019**	**BH14_T200_15.40**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH14**	**26 Nov 2019**	**BH14_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**21 Nov 2019**	**BH15_T200_16.50**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH15**	**27 Nov 2019**	**BH15_ACM_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**21 Nov 2019**	**BH16_T200_12.30**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH16**	**27 Nov 2019**	**BH16_ACM_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**22 Nov 2019**	**BH17_T200_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH17**	**27 Nov 2019**	**BH17_ACM_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH18**	**28 Nov 2019**	**BH18_ACM_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH19**	**28 Nov 2019**	**BH19_ACM_7.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2020c_BH20**	**29 Nov 2019**	**BH20_ACM_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP02**	**18 Mar 2021**	**TP02_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

													Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

													Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2021f_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2021f_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	14	-	-
DU15	**WSP2023d_PMW100**	**13 Apr 2023**	**PMW100_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	16	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	14	-	-
DU15	**WSP2023d_PMW101**	**13 Apr 2023**	**PMW101_3.2**	**Normal**	-	-	-	-	-	-	-	-	-	-	20	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

													Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	16	-	-
DU15	**WSP2023d_PMW102**	**12 Apr 2023**	**PMW102_4.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	7.2	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	12	-	-
DU15	**WSP2023d_PMW103**	**21 Apr 2023**	**PMW103_4.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	4.8	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	9.6	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	27	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	18	-	-
DU15	**WSP2023d_PMW104**	**14 Apr 2023**	**PMW104_3.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	11	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	11	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	11	-	-
DU15	**WSP2023d_PMW104**	**19 Apr 2023**	**PMW104_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	15	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	6.2	-	-
DU15	**WSP2023d_PMW105**	**21 Apr 2023**	**PMW105_9.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	19	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	14	-	-
DU15	**WSP2023d_PMW106**	**21 Apr 2023**	**PMW106_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	20	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	7.8	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_1.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	12	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	8.9	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	9	-	-
DU15	**WSP2023d_TP231**	**13 Apr 2023**	**TP231_4.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	5.1	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	9.8	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	8	-	-
DU15	**WSP2023d_TP231**	**19 Apr 2023**	**TP231_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	6	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	20	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	19	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	20	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	19	-	-
DU15	**WSP2023d_TP232**	**14 Apr 2023**	**TP232_7.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	18	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	7.9	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	10	-	-
DU15	**WSP2023d_TP232**	**19 Apr 2023**	**TP232_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	9.8	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	4.4	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	19	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	15	-	-
DU15	**WSP2023d_TP233**	**14 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	17	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	5.5	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	10	-	-
DU15	**WSP2023d_TP233**	**19 Apr 2023**	**TP233_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	12	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**18 Aug 2022**	**PMW91_8.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_5.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW92**	**18 Aug 2022**	**PMW92_6.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**18 Mar 2021**	**TP01_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP01**	**16 Aug 2022**	**TP01_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP02**	**18 Mar 2021**	**TP02_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**18 Mar 2021**	**TP03_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP03**	**16 Aug 2022**	**TP03_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP04**	**18 Mar 2021**	**TP04_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP05**	**18 Mar 2021**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023g_TP05**	**16 Aug 2022**	**TP05_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP06**	**18 Mar 2021**	**TP06_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**17 Mar 2021**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP07**	**16 Aug 2022**	**TP07_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP08**	**17 Mar 2021**	**TP08_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**17 Mar 2021**	**TP09_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP09**	**16 Aug 2022**	**TP09_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP11**	**16 Mar 2021**	**TP11_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**17 Mar 2021**	**TP12_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP12**	**16 Aug 2022**	**TP12_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Mar 2021**	**TP13_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP13**	**16 Aug 2022**	**TP13_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_0.7**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Mar 2021**	**TP14_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP14**	**16 Aug 2022**	**TP14_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP15**	**17 Mar 2021**	**TP15_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

													Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023g_TP16**	**17 Mar 2021**	**TP16_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP16**	**16 Aug 2022**	**TP16_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**18 Mar 2021**	**TP17_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP17**	**16 Aug 2022**	**TP17_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP18**	**18 Mar 2021**	**TP18_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP19**	**18 Mar 2021**	**TP19_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**18 Mar 2021**	**TP20_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP20**	**16 Aug 2022**	**TP20_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP21**	**17 Mar 2021**	**TP21_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP22**	**17 Mar 2021**	**TP22_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP23**	**16 Mar 2021**	**TP23_0.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP24**	**17 Aug 2022**	**TP24_SY_2.3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Mar 2021**	**TP25_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP25**	**17 Aug 2022**	**TP25_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Mar 2021**	**TP26_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP26**	**17 Aug 2022**	**TP26_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP27**	**17 Mar 2021**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP28**	**17 Mar 2021**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**18 Mar 2021**	**TP29_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP29**	**17 Aug 2022**	**TP29_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP30**	**18 Mar 2021**	**TP30_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP31**	**17 Aug 2022**	**TP31_SY_3.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP33**	**17 Aug 2022**	**TP33_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP34**	**17 Aug 2022**	**TP34_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2023g_TP38**	**17 Aug 2022**	**TP38_SY_0.15**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_0.7**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP01**	**28 May 2024**	**TP01_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP02**	**27 May 2024**	**TP02_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP03**	**27 May 2024**	**TP03_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP04**	**27 May 2024**	**TP04_0.8**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

													Physio-Chemical Parameters	PCBs	OC Pes
					Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP									0.33[#10]								
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU15	**WSP2024g_TP20**	**29 May 2024**	**TP20_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP21**	**29 May 2024**	**TP21_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_0.05**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP22**	**30 May 2024**	**TP22_1.0 Yellow**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.2**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP25**	**31 May 2024**	**TP25_0.05**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP26**	**29 May 2024**	**TP26_2.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP27**	**29 May 2024**	**TP27_1.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP28**	**31 May 2024**	**TP28_1.95**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_0.1**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP29**	**05 Jun 2024**	**TP29_1.0**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_1.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**31 May 2024**	**TP34A_2.5**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_1.0**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<10	<1	<1	-	<1	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

												Physio-Chemical Parameters	PCBs	OC Pes
	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.1	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand													
>=0m, <1m													
>=1m, <2m													
>=2m, <4m													
>=4m													
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	100			50		80	2,500	160					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand													
>=0m, <2m													
>=2m, <4m													
>=4m													
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					0.33[#10]								

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp				

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1b: Soil Analytical Results – Human Health Screening

					ticides
					DDT + DDD + DDE - Calc
					mg/kg
EQL					0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand					
>=0m, <1m					
>=1m, <2m					
>=2m, <4m					
>=4m					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand					
>=0m, <2m					
>=2m, <4m					
>=4m					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU15	**S005_TP01**	**12 Apr 2022**	**S005_TP01_0.1**	**Normal**	-
DU15	**S005_TP03**	**12 Apr 2022**	**S005_TP03_1.0**	**Normal**	-
DU15	**S005_TP05**	**12 Apr 2022**	**S005_TP05_0.1**	**Normal**	-
DU15	**S005_TP05**	**12 Apr 2022**	**SQA03_20220412**	**Field_D**	-
DU15	**S006_TP03**	**30 Mar 2022**	**S006_TP03_0.3**	**Normal**	-
DU15	**S006_TP05**	**30 Mar 2022**	**S006_TP05_0.1**	**Normal**	-
DU15	**S006-TP01**	**30 Mar 2022**	**S006-TP01_0.1**	**Normal**	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_0.5**	**Normal**	-
DU15	**WSP2020c_BH07**	**25 Nov 2019**	**BH07_ACM_3.5**	**Normal**	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_8.0**	**Normal**	-
DU15	**WSP2020c_BH08**	**13 Nov 2019**	**BH08_T200_12.4**	**Normal**	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_1.0**	**Normal**	-
DU15	**WSP2020c_BH08**	**25 Nov 2019**	**BH08_ACM_5.0**	**Normal**	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_9.5**	**Normal**	-
DU15	**WSP2020c_BH09**	**14 Nov 2019**	**BH09_T200_13.2**	**Normal**	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_1.5**	**Normal**	-
DU15	**WSP2020c_BH09**	**25 Nov 2019**	**BH09_ACM_7.0**	**Normal**	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_9.0**	**Normal**	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_11.0**	**Normal**	-
DU15	**WSP2020c_BH10**	**14 Nov 2019**	**BH10_T200_14.0**	**Normal**	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_2.0**	**Normal**	-
DU15	**WSP2020c_BH10**	**25 Nov 2019**	**BH10_ACM_5.3**	**Normal**	-
DU15	**WSP2020c_BH11**	**15 Nov 2019**	**BH11_T200_1.3**	**Normal**	-
DU15	**WSP2020c_BH11**	**26 Nov 2019**	**BH11_ACM_1.0**	**Normal**	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_7.3**	**Normal**	-
DU15	**WSP2020c_BH12**	**15 Nov 2019**	**BH12_T200_9.8**	**Normal**	-
DU15	**WSP2020c_BH12**	**26 Nov 2019**	**BH12_ACM_1.0**	**Normal**	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_1.5**	**Normal**	-
DU15	**WSP2020c_BH13**	**19 Nov 2019**	**BH13_T200_3.0**	**Normal**	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_6.0	Normal	-
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_14.0	Normal	-
DU15	WSP2020c_BH13	26 Nov 2019	BH13_ACM_0.2	Normal	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_2.5	Normal	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_3.5	Normal	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_9.0	Normal	-
DU15	WSP2020c_BH14	20 Nov 2019	BH14_T200_15.40	Normal	-
DU15	WSP2020c_BH14	26 Nov 2019	BH14_ACM_0.5	Normal	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_2.0	Normal	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_4.0	Normal	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_6.0	Normal	-
DU15	WSP2020c_BH15	21 Nov 2019	BH15_T200_16.50	Normal	-
DU15	WSP2020c_BH15	27 Nov 2019	BH15_ACM_0.5	Normal	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_3.0	Normal	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_6.0	Normal	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_9.0	Normal	-
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_12.30	Normal	-
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_2.0	Normal	-
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_4.5	Normal	-
DU15	WSP2020c_BH17	22 Nov 2019	BH17_T200_3.0	Normal	-
DU15	WSP2020c_BH17	27 Nov 2019	BH17_ACM_1.3	Normal	-
DU15	WSP2020c_BH18	28 Nov 2019	BH18_ACM_1.0	Normal	-
DU15	WSP2020c_BH19	28 Nov 2019	BH19_ACM_7.5	Normal	-
DU15	WSP2020c_BH20	29 Nov 2019	BH20_ACM_0.3	Normal	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_0.1	Normal	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_2.0	Normal	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_0.5	Normal	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_1.0	Normal	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.1	Normal	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.3	Normal	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.5	Normal	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.1	Normal	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_1.0	Normal	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_0.1	Normal	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_0.5	Normal	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_1.0	Normal	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_1.0	Normal	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.3	Normal	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_1.0	Normal	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_0.3	Normal	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_1.0	Normal	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_0.1	Normal	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_1.0	Normal	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_2.0	Normal	-
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.1	Normal	-
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.5	Normal	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_0.1	Normal	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_1.0	Normal	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_0.6	Normal	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.1	Normal	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.7	Normal	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_2.0	Normal	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.1	Normal	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.3	Normal	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_1.0	Normal	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_0.3	Normal	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_1.0	Normal	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_0.1	Normal	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2021f_TP17	18 Mar 2021	TP17_0.3	Normal	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_0.1	Normal	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_2.0	Normal	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_0.1	Normal	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_0.3	Normal	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.1	Normal	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_1.0	Normal	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.5	Normal	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_2.0	Normal	-
DU15	WSP2021f_TP22	17 Mar 2021	TP22_0.3	Normal	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_0.3	Normal	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.5	Normal	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_2.0	Normal	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_0.5	Normal	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_2.0	Normal	-
DU15	WSP2021f_TP27	17 Mar 2021	TP27_0.1	Normal	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.1	Normal	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_1.0	Normal	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_0.1	Normal	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_0.5	Normal	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_1.0	Normal	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_0.1	Normal	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_0.5	Normal	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_1.0	Normal	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_2.0	Normal	-
DU15	WSP2023d_PMW100	13 Apr 2023	PMW100_0.5	Normal	-
DU15	WSP2023d_PMW100	13 Apr 2023	PMW100_8.0	Normal	-
DU15	WSP2023d_PMW101	13 Apr 2023	PMW101_1.0	Normal	-
DU15	WSP2023d_PMW101	13 Apr 2023	PMW101_3.2	Normal	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2023d_PMW102	12 Apr 2023	PMW102_0.5	Normal	-
DU15	WSP2023d_PMW102	12 Apr 2023	PMW102_4.5	Normal	-
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_0.3	Normal	-
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_4.0	Normal	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_1.0	Normal	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_2.0	Normal	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_3.0	Normal	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_3.5	Normal	-
DU15	WSP2023d_PMW104	19 Apr 2023	PMW104_1.0	Normal	-
DU15	WSP2023d_PMW104	19 Apr 2023	PMW104_2.0	Normal	-
DU15	WSP2023d_PMW104	19 Apr 2023	PMW104_3.0	Normal	-
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_0.5	Normal	-
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_9.0	Normal	-
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_0.1	Normal	-
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_6.0	Normal	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_1.0	Normal	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_1.3	Normal	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_2.0	Normal	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_3.0	Normal	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_4.6	Normal	-
DU15	WSP2023d_TP231	19 Apr 2023	TP231_1.0	Normal	-
DU15	WSP2023d_TP231	19 Apr 2023	TP231_2.0	Normal	-
DU15	WSP2023d_TP231	19 Apr 2023	TP231_3.0	Normal	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_1.0	Normal	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_2.0	Normal	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_3.0	Normal	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_6.0	Normal	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_7.0	Normal	-
DU15	WSP2023d_TP232	19 Apr 2023	TP232_1.0	Normal	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2023d_TP232	19 Apr 2023	TP232_2.0	Normal	-
DU15	WSP2023d_TP232	19 Apr 2023	TP232_3.0	Normal	-
DU15	WSP2023d_TP233	14 Apr 2023	TP233_0.5	Normal	-
DU15	WSP2023d_TP233	14 Apr 2023	TP233_1.0	Normal	-
DU15	WSP2023d_TP233	14 Apr 2023	TP233_2.0	Normal	-
DU15	WSP2023d_TP233	14 Apr 2023	TP233_3.0	Normal	-
DU15	WSP2023d_TP233	19 Apr 2023	TP233_1.0	Normal	-
DU15	WSP2023d_TP233	19 Apr 2023	TP233_2.0	Normal	-
DU15	WSP2023d_TP233	19 Apr 2023	TP233_3.0	Normal	-
DU15	WSP2023g_PMW91	18 Aug 2022	PMW91_0.1	Normal	-
DU15	WSP2023g_PMW91	18 Aug 2022	PMW91_2.0	Normal	-
DU15	WSP2023g_PMW91	18 Aug 2022	PMW91_6.0	Normal	-
DU15	WSP2023g_PMW91	18 Aug 2022	PMW91_8.0	Normal	-
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_0.5	Normal	-
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_5.0	Normal	-
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_6.0	Normal	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_0.1	Normal	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_2.0	Normal	-
DU15	WSP2023g_TP01	16 Aug 2022	TP01_SY_0.15	Normal	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_0.5	Normal	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.1	Normal	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.3	Normal	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.5	Normal	-
DU15	WSP2023g_TP03	16 Aug 2022	TP03_SY_0.15	Normal	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.1	Normal	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_1.0	Normal	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_0.1	Normal	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_0.5	Normal	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_1.0	Normal	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2023g_TP05	16 Aug 2022	TP05_SY_0.15	Normal	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_1.0	Normal	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.3	Normal	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_1.0	Normal	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.5	Normal	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.15	Normal	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_1.0	Normal	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_2.0	Normal	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.3	Normal	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_1.0	Normal	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_0.1	Normal	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_1.0	Normal	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_2.0	Normal	-
DU15	WSP2023g_TP09	16 Aug 2022	TP09_SY_0.15	Normal	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.1	Normal	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.5	Normal	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.1	Normal	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_1.0	Normal	-
DU15	WSP2023g_TP12	16 Aug 2022	TP12_SY_0.15	Normal	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.6	Normal	-
DU15	WSP2023g_TP13	16 Aug 2022	TP13_SY_0.15	Normal	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.1	Normal	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.7	Normal	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_2.0	Normal	-
DU15	WSP2023g_TP14	16 Aug 2022	TP14_SY_0.15	Normal	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.1	Normal	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.3	Normal	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_1.0	Normal	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.3	Normal	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2023g_TP16	17 Mar 2021	TP16_1.0	Normal	-
DU15	WSP2023g_TP16	16 Aug 2022	TP16_SY_0.15	Normal	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_0.1	Normal	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_0.3	Normal	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.5	Normal	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.15	Normal	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_1.0	Normal	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_2.0	Normal	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_0.1	Normal	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_2.0	Normal	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_0.1	Normal	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_0.3	Normal	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.1	Normal	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_1.0	Normal	-
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_0.15	Normal	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.5	Normal	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_2.0	Normal	-
DU15	WSP2023g_TP22	17 Mar 2021	TP22_0.3	Normal	-
DU15	WSP2023g_TP23	16 Mar 2021	TP23_0.3	Normal	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_0.15	Normal	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_1.0	Normal	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.0	Normal	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.3	Normal	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.5	Normal	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_2.0	Normal	-
DU15	WSP2023g_TP25	17 Aug 2022	TP25_SY_0.15	Normal	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_0.5	Normal	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_2.0	Normal	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_0.15	Normal	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_1.0	Normal	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_2.0	Normal	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_3.0	Normal	-
DU15	WSP2023g_TP27	17 Mar 2021	TP27_0.1	Normal	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.1	Normal	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_1.0	Normal	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.1	Normal	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.5	Normal	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_1.0	Normal	-
DU15	WSP2023g_TP29	17 Aug 2022	TP29_SY_0.15	Normal	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.1	Normal	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.5	Normal	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_1.0	Normal	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_2.0	Normal	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.15	Normal	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_1.0	Normal	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_2.0	Normal	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_3.0	Normal	-
DU15	WSP2023g_TP33	17 Aug 2022	TP33_SY_0.15	Normal	-
DU15	WSP2023g_TP34	17 Aug 2022	TP34_SY_0.15	Normal	-
DU15	WSP2023g_TP38	17 Aug 2022	TP38_SY_0.15	Normal	-
DU15	WSP2024g_TP01	28 May 2024	TP01_0.7	Normal	<0.5
DU15	WSP2024g_TP01	28 May 2024	TP01_2.5	Normal	-
DU15	WSP2024g_TP02	27 May 2024	TP02_0.1	Normal	-
DU15	WSP2024g_TP02	27 May 2024	TP02_1.5	Normal	<0.5
DU15	WSP2024g_TP03	27 May 2024	TP03_0.1	Normal	<0.5
DU15	WSP2024g_TP03	27 May 2024	TP03_2.0	Normal	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.1	Normal	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.8	Normal	<0.05

DU15 - 1b: Soil Analytical Results – Human Health Screening

					ticides
					DDT + DDD + DDE - Calc
					mg/kg
EQL					0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand					
>=0m, <1m					
>=1m, <2m					
>=2m, <4m					
>=4m					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand					
>=0m, <2m					
>=2m, <4m					
>=4m					
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**	
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_0.5**	**Normal**	<0.5
DU15	**WSP2024g_TP05**	**28 May 2024**	**TP05_1.0**	**Normal**	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_0.5**	**Normal**	-
DU15	**WSP2024g_TP06**	**28 May 2024**	**TP06_2.5**	**Normal**	<0.05
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_0.1**	**Normal**	<0.5
DU15	**WSP2024g_TP07**	**28 May 2024**	**TP07_1.0**	**Normal**	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_0.1**	**Normal**	-
DU15	**WSP2024g_TP08**	**27 May 2024**	**TP08_1.0**	**Normal**	<0.5
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.1**	**Normal**	-
DU15	**WSP2024g_TP09**	**29 May 2024**	**TP09_0.4**	**Normal**	<0.5
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_0.1**	**Normal**	-
DU15	**WSP2024g_TP10**	**29 May 2024**	**TP10_2.0**	**Normal**	<0.05
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_0.5**	**Normal**	<0.5
DU15	**WSP2024g_TP11**	**29 May 2024**	**TP11_2.0**	**Normal**	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12_0.1**	**Normal**	-
DU15	**WSP2024g_TP12**	**29 May 2024**	**TP12__2.0**	**Normal**	<0.5
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_0.5**	**Normal**	<0.05
DU15	**WSP2024g_TP13**	**28 May 2024**	**TP13_1.5**	**Normal**	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_0.1**	**Normal**	-
DU15	**WSP2024g_TP14**	**28 May 2024**	**TP14_1.5**	**Normal**	<0.5
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.1**	**Normal**	-
DU15	**WSP2024g_TP15**	**31 May 2024**	**TP15_0.5**	**Normal**	<0.05
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_0.6**	**Normal**	<0.5
DU15	**WSP2024g_TP16**	**30 May 2024**	**TP16_2.0**	**Normal**	-
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.1**	**Normal**	<0.05
DU15	**WSP2024g_TP18**	**31 May 2024**	**TP18_0.5**	**Normal**	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_0.6**	**Normal**	-
DU15	**WSP2024g_TP19**	**29 May 2024**	**TP19_2.5**	**Normal**	<0.5
DU15	**WSP2024g_TP20**	**28 May 2024**	**TP20_2.5**	**Normal**	-

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU15	WSP2024g_TP20	29 May 2024	TP20_0.1	Normal	<0.05
DU15	WSP2024g_TP21	29 May 2024	TP21_0.1	Normal	-
DU15	WSP2024g_TP21	29 May 2024	TP21_1.5	Normal	<0.5
DU15	WSP2024g_TP22	30 May 2024	TP22_0.05	Normal	<0.5
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0	Normal	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0 Yellow	Normal	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.2	Normal	<0.05
DU15	WSP2024g_TP25	31 May 2024	TP25_0.05	Normal	-
DU15	WSP2024g_TP26	29 May 2024	TP26_0.5	Normal	-
DU15	WSP2024g_TP26	29 May 2024	TP26_2.0	Normal	<0.5
DU15	WSP2024g_TP27	29 May 2024	TP27_0.1	Normal	-
DU15	WSP2024g_TP27	29 May 2024	TP27_1.5	Normal	<0.5
DU15	WSP2024g_TP28	31 May 2024	TP28_1.0	Normal	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.95	Normal	<0.5
DU15	WSP2024g_TP29	05 Jun 2024	TP29_0.1	Normal	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_1.0	Normal	<0.05
DU15	WSP2024g_TP30	29 May 2024	TP30_0.1	Normal	<0.05
DU15	WSP2024g_TP30	29 May 2024	TP30_0.5	Normal	-
DU15	WSP2024g_TP31	05 Jun 2024	TP31_0.5	Normal	<0.5
DU15	WSP2024g_TP31	05 Jun 2024	TP31_2.0	Normal	-
DU15	WSP2024g_TP34A	31 May 2024	TP34A_1.0	Normal	-
DU15	WSP2024g_TP34A	31 May 2024	TP34A_2.5	Normal	<0.5
DU15	WSP2024g_TP35	05 Jun 2024	TP35_0.5	Normal	-
DU15	WSP2024g_TP35	05 Jun 2024	TP35_1.0	Normal	<0.5

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 Derived soil HSL exceeds soil saturation concentraiton

DU15 - 1b: Soil Analytical Results – Human Health Screening

	ticides
	DDT + DDD + DDE - Calc
	mg/kg
EQL	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
Meta_USEPA RSLs Industrial Soil THQ=1.0 (May 2024)_W/O PFAS NEMP	

Monitoring Zone	Location Code	Date	Field ID	Sample Type
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where approp				

#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-spe
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each c
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of expos
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)

Environmental Standards
2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**S005_TP01**	**S005_TP01_0.1**	**12 Apr 2022**	**Normal**	<10	<10	<50	<50	380	<100	380	<10	<50	350	<100	350	24	-	-	2
DU15	**S005_TP03**	**S005_TP03_1.0**	**12 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	-	-	<1
DU15	**S005_TP05**	**S005_TP05_0.1**	**12 Apr 2022**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	-	-	<1
DU15	**S005_TP05**	**SQA03_20220412**	**12 Apr 2022**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	-	-	<1
DU15	**S006_TP03**	**S006_TP03_0.3**	**30 Mar 2022**	**Normal**	<10	<10	<50	<50	260	130	390	<10	<50	130	180	310	13	-	-	4
DU15	**S006_TP05**	**S006_TP05_0.1**	**30 Mar 2022**	**Normal**	<10	<10	<50	<50	720	260	980	<10	<50	420	410	830	12	-	-	<1
DU15	**S006-TP01**	**S006-TP01_0.1**	**30 Mar 2022**	**Normal**	<10	<10	<50	<50	210	<100	210	<10	<50	110	140	250	36	-	-	3
DU15	**WSP2020c_BH07**	**BH07_ACM_0.5**	**25 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH07**	**BH07_ACM_3.5**	**25 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH08**	**BH08_ACM_1.0**	**25 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH08**	**BH08_ACM_5.0**	**25 Nov 2019**	**Normal**	<20	<20	100	100	<100	<100	100	<20	74	85	<50	159	<2	-	-	<0.4
DU15	**WSP2020c_BH08**	**BH08_T200_8.0**	**13 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.9	-	-	<0.4
DU15	**WSP2020c_BH08**	**BH08_T200_12.4**	**13 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.5	-	-	<0.4
DU15	**WSP2020c_BH09**	**BH09_ACM_1.5**	**25 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH09**	**BH09_ACM_7.0**	**25 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH09**	**BH09_T200_9.5**	**14 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.2	-	-	<0.4
DU15	**WSP2020c_BH09**	**BH09_T200_13.2**	**14 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH10**	**BH10_ACM_2.0**	**25 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH10**	**BH10_ACM_5.3**	**25 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH10**	**BH10_T200_9.0**	**14 Nov 2019**	**Normal**	650	650	881.9	890	<100	<100	890	280	1,200.0	<50	<50	1,200.0	<2	-	-	<0.4
DU15	**WSP2020c_BH10**	**BH10_T200_11.0**	**14 Nov 2019**	**Normal**	420	420	775	780	<100	<100	780	170	1,100.0	<50	<50	1,100.0	2.8	-	-	<0.4
DU15	**WSP2020c_BH10**	**BH10_T200_14.0**	**14 Nov 2019**	**Normal**	310	310	317.7	320	<100	<100	320	150	450	<50	<50	450	2.3	-	-	<0.4
DU15	**WSP2020c_BH11**	**BH11_ACM_1.0**	**26 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH11**	**BH11_T200_1.3**	**15 Nov 2019**	**Normal**	<20	<20	52	52	120	<100	172	<20	27	130	<50	157	<2	-	-	<0.4
DU15	**WSP2020c_BH12**	**BH12_ACM_1.0**	**26 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH12**	**BH12_T200_7.3**	**15 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH12**	**BH12_T200_9.8**	**15 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH13**	**BH13_ACM_0.2**	**26 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	100	100	<20	<20	<50	96	96	<2	-	-	<0.4
DU15	**WSP2020c_BH13**	**BH13_T200_1.5**	**19 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH13**	**BH13_T200_3.0**	**19 Nov 2019**	**Normal**	64	64	999.4	1,000.0	440	<100	1,440.0	28	810	720	<50	1,530.0	<2	-	-	<0.4
DU15	**WSP2020c_BH13**	**BH13_T200_6.0**	**19 Nov 2019**	**Normal**	200	200	127.6	130	<100	<100	130	140	130	<50	<50	130	2.8	-	-	<0.4
DU15	**WSP2020c_BH13**	**BH13_T200_14.0**	**19 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH14**	**BH14_ACM_0.5**	**26 Nov 2019**	**Normal**	<20	<20	<50	<50	180	<100	180	<20	<20	110	110	220	2.9	-	-	<0.4
DU15	**WSP2020c_BH14**	**BH14_T200_2.5**	**20 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH14**	**BH14_T200_3.5**	**20 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.3	-	-	<0.4
DU15	**WSP2020c_BH14**	**BH14_T200_9.0**	**20 Nov 2019**	**Normal**	90	82	58.7	62	<100	<100	<100	46	77	<50	<50	77	<2	-	-	<0.4
DU15	**WSP2020c_BH14**	**BH14_T200_15.40**	**20 Nov 2019**	**Normal**	120	110	117.2	120	<100	<100	120	74	160	<50	<50	160	<2	-	-	<0.4
DU15	**WSP2020c_BH15**	**BH15_ACM_0.5**	**27 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH15**	**BH15_T200_2.0**	**21 Nov 2019**	**Normal**	<20	<20	180	180	270	<100	450	<20	80	360	<50	440	2.7	-	-	<0.4
DU15	**WSP2020c_BH15**	**BH15_T200_4.0**	**21 Nov 2019**	**Normal**	450	420	338	350	200	<100	550	270	360	240	<50	600	<2	-	-	<0.4
DU15	**WSP2020c_BH15**	**BH15_T200_6.0**	**21 Nov 2019**	**Normal**	160	150	104.3	110	<100	<100	110	95	130	<50	<50	130	<2	-	-	<0.4
DU15	**WSP2020c_BH15**	**BH15_T200_16.50**	**21 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	22	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH16**	**BH16_ACM_2.0**	**27 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH16**	**BH16_ACM_4.5**	**27 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2020c_BH16**	**BH16_T200_3.0**	**21 Nov 2019**	**Normal**	<400	<400	1,343.0	1,400.0	<1,000.0	<1,000.0	1,400.0	<400	960	1,300.0	<500	2,260.0	<2	-	-	<0.4
DU15	**WSP2020c_BH16**	**BH16_T200_6.0**	**21 Nov 2019**	**Normal**	180	180	850	870	440	<100	1,310.0	100	630	750	<50	1,380.0	<2	-	-	<0.4
DU15	**WSP2020c_BH16**	**BH16_T200_9.0**	**21 Nov 2019**	**Normal**	<40	<40	244.1	250	130	<100	380	<40	180	220	<50	400	<2	-	-	<0.4
DU15	**WSP2020c_BH16**	**BH16_T200_12.30**	**21 Nov 2019**	**Normal**	<20	<20	228.2	230	140	<100	370	<20	160	230	<50	390	<2	-	-	<0.4
DU15	**WSP2020c_BH17**	**BH17_ACM_1.3**	**27 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.9	-	-	<0.4
DU15	**WSP2020c_BH17**	**BH17_T200_3.0**	**22 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.2	-	-	<0.4
DU15	**WSP2020c_BH18**	**BH18_ACM_1.0**	**28 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH19**	**BH19_ACM_7.5**	**28 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2020c_BH20**	**BH20_ACM_0.3**	**29 Nov 2019**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	56	56	<2	-	-	<0.4
DU15	**WSP2021f_TP01**	**TP01_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	240	110	350	<20	<20	110	170	280	4.7	-	-	0.8
DU15	**WSP2021f_TP01**	**TP01_2.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	64	64	-	-	-	-
DU15	**WSP2021f_TP02**	**TP02_0.5**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1	-	-	<0.4
DU15	**WSP2021f_TP02**	**TP02_1.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-
DU15	**WSP2021f_TP03**	**TP03_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	160	<200	<200	<20	<20	94	93	187	4.2	-	-	<0.4
DU15	**WSP2021f_TP03**	**TP03_0.3**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	460	210	670	<20	24	250	280	554	-	-	-	-
DU15	**WSP2021f_TP03**	**TP03_0.5**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4	-	-	<0.4
DU15	**WSP2021f_TP04**	**TP04_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	30	52	92	174	-	-	-	-
DU15	**WSP2021f_TP04**	**TP04_1.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.2	-	-	<0.4
DU15	**WSP2021f_TP05**	**TP05_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	230	110	340	<20	40	96	150	286	-	-	-	-
DU15	**WSP2021f_TP05**	**TP05_0.5**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2021f_TP05**	**TP05_1.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	140	66	206	-	-	-	-
DU15	**WSP2021f_TP06**	**TP06_1.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	74	98	172	3.2	-	-	<0.4
DU15	**WSP2021f_TP07**	**TP07_0.3**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	110	<100	110	<20	<20	74	<50	74	9.8	-	-	8.5
DU15	**WSP2021f_TP07**	**TP07_1.0**	**17 Mar 2021**	**Normal**	<20	<20	120	120	1,600.0	350	2,070.0	<20	51	1,200.0	610	1,861.0	-	-	-	-
DU15	**WSP2021f_TP08**	**TP08_0.3**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	260	160	420	<20	22	130	160	312	-	-	-	-
DU15	**WSP2021f_TP08**	**TP08_1.0**	**17 Mar 2021**	**Normal**	<20	<20	110	110	3,500.0	740	4,350.0	<20	44	2,400.0	1,500.0	3,944.0	19	-	-	5
DU15	**WSP2021f_TP09**	**TP09_0.1**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	69	86	155	-	-	-	-
DU15	**WSP2021f_TP09**	**TP09_1.0**	**17 Mar 2021**	**Normal**	98	98	1,200.0	1,200.0	2,300.0	670	4,170.0	23	870	2,100.0	770	3,740.0	5.4	-	-	0.9
DU15	**WSP2021f_TP09**	**TP09_2.0**	**17 Mar 2021**	**Normal**	51	51	1,200.0	1,200.0	2,300.0	590	4,090.0	<20	870	2,000.0	760	3,630.0	13	-	-	5.1
DU15	**WSP2021f_TP11**	**TP11_0.1**	**16 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-
DU15	**WSP2021f_TP11**	**TP11_0.5**	**16 Mar 2021**	**Normal**	<20	<20	<50	<50	230	<100	230	<20	<20	130	<50	130	6.9	-	-	1.3
DU15	**WSP2021f_TP12**	**TP12_0.1**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	170	110	280	<20	<20	82	110	192	5.1	-	-	<0.4
DU15	**WSP2021f_TP12**	**TP12_1.0**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	260	130	390	<20	<20	140	<50	140	-	-	-	-
DU15	**WSP2021f_TP13**	**TP13_0.6**	**16 Mar 2021**	**Normal**	<20	<20	<50	<50	6,500.0	1,700.0	8,200.0	<20	<20	3,100.0	1,700.0	4,800.0	6.7	-	-	1.5
DU15	**WSP2021f_TP14**	**TP14_0.1**	**16 Mar 2021**	**Normal**	<20	<20	<50	<50	130	<100	130	<20	<20	68	<50	68	-	-	-	-
DU15	**WSP2021f_TP14**	**TP14_0.7**	**16 Mar 2021**	**Normal**	<20	<20	300	300	670	220	1,190.0	<20	250	460	82	792	-	-	-	-
DU15	**WSP2021f_TP14**	**TP14_2.0**	**16 Mar 2021**	**Normal**	120	120	687.2	690	12,000.0	1,400.0	14,090.0	38	640	7,600.0	3,700.0	11,940.0	14	-	-	5
DU15	**WSP2021f_TP15**	**TP15_0.1**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	250	110	360	<20	<20	120	140	260	-	-	-	-
DU15	**WSP2021f_TP15**	**TP15_0.3**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	740	460	1,200.0	<20	26	340	500	866	6.2	-	-	<0.4
DU15	**WSP2021f_TP15**	**TP15_1.0**	**17 Mar 2021**	**Normal**	<20	<20	140	140	2,300.0	580	3,020.0	<20	82	1,400.0	410	1,892.0	15	-	-	13
DU15	**WSP2021f_TP16**	**TP16_0.3**	**17 Mar 2021**	**Normal**	<20	<20	<50	<50	570	460	1,030.0	<20	33	240	430	703	4.7	-	-	<0.4
DU15	**WSP2021f_TP16**	**TP16_1.0**	**17 Mar 2021**	**Normal**	<20	<20	54	54	680	200	934	<20	28	500	57	585	-	-	-	-
DU15	**WSP2021f_TP17**	**TP17_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	490	450	940	<20	26	200	470	696	-	-	-	-
DU15	**WSP2021f_TP17**	**TP17_0.3**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	130	100	230	<20	40	73	100	213	4.3	-	-	<0.4

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	<20	<20	<50	<50	<100	<100	<100	<20	21	<50	<50	<50	3.8	-	-	<0.4
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	340	210	550	<20	26	180	230	436	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	<20	<20	<50	<50	260	<100	260	<20	<20	140	140	280	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	530	280	810	<20	29	250	98	377	5.2	-	-	<0.4
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	<20	<20	<50	<50	340	140	480	<20	20	160	190	370	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	<20	<20	<50	<50	570	220	790	<20	<20	280	320	600	6.3	-	-	<0.4
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	<20	<20	88	88	5,800.0	2,100.0	7,988.0	<20	48	2,700.0	1,400.0	4,148.0	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	<20	<20	<50	<50	420	200	620	<20	21	220	240	481	9.3	-	-	<0.4
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	<20	<20	<50	<50	590	320	910	<20	<20	280	71	351	16	-	-	1.1
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	<20	<20	<50	<50	250	170	420	<20	<20	140	63	203	6	-	-	2.1
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	<20	<20	<50	<50	550	180	730	<20	26	360	240	626	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	<20	<20	<50	<50	320	170	490	<20	27	190	160	377	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	<20	<20	<50	<50	320	130	450	<20	<20	220	<50	220	12	-	-	3.7
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	<20	<20	<50	<50	370	170	540	<20	24	210	200	434	41	-	-	1.9
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	<20	<20	<50	<50	420	160	580	<20	21	180	250	451	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	<20	<20	<50	<50	260	<100	260	<20	<20	150	200	350	9.7	-	-	1.2
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	250	140	390	<20	<20	130	<50	130	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	<20	<20	<50	<50	670	270	940	<20	32	380	350	762	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	<20	<20	<50	<50	380	180	560	<20	21	210	<50	231	8.1	-	-	1.7
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	160	110	270	<20	<20	64	110	174	3.8	-	-	<0.4
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	<20	<20	<50	<50	120	<100	120	<20	<20	64	<50	64	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	<20	<20	<50	<50	250	110	360	<20	<20	120	150	270	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	<20	<20	<50	<50	400	160	560	<20	23	200	62	285	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	<20	<20	<50	<50	270	120	390	-	-	-	-	-	9.7	-	-	4.9
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	<20	<20	339.1	340	4,200	360	4,900	-	-	-	-	-	2.5	-	-	<0.4
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	<20	<20	80.1	81	990	370	1,441	-	-	-	-	-	9.2	-	-	2.6
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	4.2	-	-	<0.4
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	<20	<20	<50	<50	370	420	790	-	-	-	-	-	2.9	-	-	<0.4
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	3.7	-	-	<0.4
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	<20	<20	<50	<50	410	490	900	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	<20	<20	<50	<50	170	270	440	-	-	-	-	-	<2	-	-	<0.4
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	9.2	-	-	<0.4
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6.9	-	-	1.2
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<4	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	35	35	250	250	1,600	450	2,300	-	-	-	-	-	9.3	-	-	0.7
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	<20	<20	128.4	130	1,200	440	1,770	-	-	-	-	-	6.6	-	-	0.4
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	<20	<20	91	91	830	890	1,811	-	-	-	-	-	2.8	-	-	<0.4
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	<20	<20	<50	<50	<100	<100	<100	-	-	-	-	-	<2	-	-	<0.4
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	<20	<20	<50	<50	240	250	490	-	-	-	-	-	6.2	-	-	<0.4
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	<20	<20	<50	<50	110	360	470	-	-	-	-	-	<2	-	-	<0.4
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	<0.4

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2023d_TP231**	**TP231_1.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
DU15	**WSP2023d_TP231**	**TP231_1.3**	**13 Apr 2023**	**Normal**	<20	<20	7,681	7,700	**28,000**	3,100	38,800	-	-	-	-	-	24	-	-	1.6
DU15	**WSP2023d_TP231**	**TP231_2.0**	**13 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-	1.5
DU15	**WSP2023d_TP231**	**TP231_2.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-
DU15	**WSP2023d_TP231**	**TP231_3.0**	**13 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-	1.3
DU15	**WSP2023d_TP231**	**TP231_3.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4	-	-	-
DU15	**WSP2023d_TP231**	**TP231_4.6**	**13 Apr 2023**	**Normal**	<20	<20	178.3	180	1,100	170	1,450	-	-	-	-	-	<2	-	-	<0.4
DU15	**WSP2023d_TP232**	**TP232_1.0**	**14 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	1.1
DU15	**WSP2023d_TP232**	**TP232_1.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
DU15	**WSP2023d_TP232**	**TP232_2.0**	**14 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	0.8
DU15	**WSP2023d_TP232**	**TP232_2.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
DU15	**WSP2023d_TP232**	**TP232_3.0**	**14 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	9.1	-	-	1.2
DU15	**WSP2023d_TP232**	**TP232_3.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
DU15	**WSP2023d_TP232**	**TP232_6.0**	**14 Apr 2023**	**Normal**	150	150	1,294.8	1,300	1,700	260	3,260	-	-	-	-	-	7	-	-	0.6
DU15	**WSP2023d_TP232**	**TP232_7.0**	**14 Apr 2023**	**Normal**	89	89	2,396.1	2,400	2,500	550	5,450	-	-	-	-	-	2.6	-	-	<0.4
DU15	**WSP2023d_TP233**	**TP233_0.5**	**14 Apr 2023**	**Normal**	<20	<20	706.9	710	1,600	1,300	3,610	-	-	-	-	-	<2	-	-	<0.4
DU15	**WSP2023d_TP233**	**TP233_1.0**	**14 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	<0.4
DU15	**WSP2023d_TP233**	**TP233_1.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4	-	-	-
DU15	**WSP2023d_TP233**	**TP233_2.0**	**14 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	<0.4
DU15	**WSP2023d_TP233**	**TP233_2.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4	-	-	-
DU15	**WSP2023d_TP233**	**TP233_3.0**	**14 Apr 2023**	**Normal**	<20	<20	<50	<50	330	250	580	-	-	-	-	-	<2	-	-	<0.4
DU15	**WSP2023d_TP233**	**TP233_3.0**	**19 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	<4	-	-	-
DU15	**WSP2023g_PMW91**	**PMW91_0.1**	**18 Aug 2022**	**Normal**	<20	<20	<50	<50	130	130	260	<20	<20	60	100	160	<2	-	-	<0.4
DU15	**WSP2023g_PMW91**	**PMW91_2.0**	**18 Aug 2022**	**Normal**	<20	<20	<50	<50	220	<100	220	<20	<20	130	130	260	6	-	-	1.9
DU15	**WSP2023g_PMW91**	**PMW91_6.0**	**18 Aug 2022**	**Normal**	52	52	900	900	1,500	230	2,630	<20	490	1,600	390	2,480	2.7	-	-	<0.4
DU15	**WSP2023g_PMW91**	**PMW91_8.0**	**18 Aug 2022**	**Normal**	<20	<20	<50	<50	100	<100	100	<20	<20	97	<50	97	<2	-	-	<0.4
DU15	**WSP2023g_PMW92**	**PMW92_0.5**	**18 Aug 2022**	**Normal**	26	26	3,794.2	3,800	**40,000**	5,200	49,000	<20	1,900	31,000	14,000	46,900	9.5	-	-	1.9
DU15	**WSP2023g_PMW92**	**PMW92_5.0**	**18 Aug 2022**	**Normal**	20	20	290	290	4,600	1,300	6,190	<20	140	3,000	2,300	5,440	3.7	-	-	2
DU15	**WSP2023g_PMW92**	**PMW92_6.0**	**18 Aug 2022**	**Normal**	<20	<20	160	160	2,500	630	3,290	<20	77	1,700	1,100	2,877	2.3	-	-	<0.4
DU15	**WSP2023g_TP01**	**TP01_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	240	110	350	<20	<20	110	170	280	4.7	-	-	0.8
DU15	**WSP2023g_TP01**	**TP01_2.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	64	64	-	-	-	-
DU15	**WSP2023g_TP01**	**TP01_SY_0.15**	**16 Aug 2022**	**Normal**	<20	<20	<50	<50	150	110	260	<20	<20	75	<50	75	4.4	-	-	<0.4
DU15	**WSP2023g_TP02**	**TP02_0.5**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.1	-	-	<0.4
DU15	**WSP2023g_TP03**	**TP03_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	160	<200	<200	<20	<20	94	93	187	4.2	-	-	<0.4
DU15	**WSP2023g_TP03**	**TP03_0.3**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	460	210	670	<20	24	250	280	554	-	-	-	-
DU15	**WSP2023g_TP03**	**TP03_0.5**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4	-	-	<0.4
DU15	**WSP2023g_TP03**	**TP03_SY_0.15**	**16 Aug 2022**	**Normal**	<20	<20	<50	<50	190	160	350	<20	<20	93	140	233	4.3	-	-	<0.4
DU15	**WSP2023g_TP04**	**TP04_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	30	52	92	174	-	-	-	-
DU15	**WSP2023g_TP04**	**TP04_1.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	4.2	-	-	<0.4
DU15	**WSP2023g_TP05**	**TP05_0.1**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	230	110	340	<20	40	96	150	286	-	-	-	-
DU15	**WSP2023g_TP05**	**TP05_0.5**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	**WSP2023g_TP05**	**TP05_1.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	190	<100	190	<20	<20	140	66	206	-	-	-	-
DU15	**WSP2023g_TP05**	**TP05_SY_0.15**	**16 Aug 2022**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	68	<50	68	5	-	-	<0.4
DU15	**WSP2023g_TP06**	**TP06_1.0**	**18 Mar 2021**	**Normal**	<20	<20	<50	<50	140	<100	140	<20	<20	74	98	172	3.2	-	-	<0.4

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	<20	<20	<50	<50	110	<100	110	<20	<20	74	<50	74	9.8	-	-	8.5
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	<20	<20	120	120	1,600	350	2,070	<20	51	1,200	610	1,861	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	<20	<20	<50	<50	100	<100	100	<20	<20	<50	<50	<50	2.2	-	-	<0.4
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	<20	<20	<50	<50	250	140	390	<20	<20	140	150	290	3.5	-	-	0.5
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.3	-	-	<0.4
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.2	-	-	<0.4
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	<20	<20	<50	<50	260	160	420	<20	22	130	160	312	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	<20	<20	110	110	3,500	740	4,350	<20	44	2,400	1,500	3,944	19	-	-	5
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	<20	<20	<50	<50	140	<100	140	<20	<20	69	86	155	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	98	98	1,200	1,200	2,300	670	4,170	23	870	2,100	770	3,740	5.4	-	-	0.9
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	51	51	1,200	1,200	2,300	590	4,090	<20	870	2,000	760	3,630	13	-	-	5.1
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	<20	<20	<50	<50	110	110	220	<20	<20	57	84	141	<2	-	-	<0.4
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	<20	<20	<50	<50	230	<100	230	<20	<20	130	<50	130	6.9	-	-	1.3
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	<20	<20	<50	<50	170	110	280	<20	<20	82	110	192	5.1	-	-	<0.4
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	<20	<20	<50	<50	260	130	390	<20	<20	140	<50	140	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	<20	<20	<50	<50	340	120	460	<20	20	200	170	390	5.4	-	-	1.1
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	<20	<20	<50	<50	6,500	1,700	8,200	<20	<20	3,100	1,700	4,800	6.7	-	-	1.5
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.3	-	-	<0.4
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	<20	<20	<50	<50	130	<100	130	<20	<20	68	<50	68	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	<20	<20	300	300	670	220	1,190	<20	250	460	82	792	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	120	120	687.2	690	12,000	1,400	14,090	38	640	7,600	3,700	11,940	14	-	-	5
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	-	-	<0.4
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	<20	<20	<50	<50	250	110	360	<20	<20	120	140	260	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	<20	<20	<50	<50	740	460	1,200	<20	26	340	500	866	6.2	-	-	<0.4
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	<20	<20	140	140	2,300	580	3,020	<20	82	1,400	410	1,892	15	-	-	13
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	<20	<20	<50	<50	570	460	1,030	<20	33	240	430	703	4.7	-	-	<0.4
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	<20	<20	54	54	680	200	934	<20	28	500	57	585	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	<20	<20	<250	<250	860	900	1,760	<20	180	380	750	1,310	3.4	-	-	<0.4
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	490	450	940	<20	26	200	470	696	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	<20	<20	<50	<50	130	100	230	<20	40	73	100	213	4.3	-	-	<0.4
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	<20	<20	<50	<50	510	240	750	<20	<20	270	63	333	9	-	-	0.6
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	<20	<20	<50	<50	250	250	500	<20	26	120	240	386	5.8	-	-	<0.4
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	<20	<20	<50	<50	250	150	400	<20	<20	140	150	290	10	-	-	0.7
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	<20	<20	<50	<50	360	170	530	<20	20	210	<50	230	21	-	-	3
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	<20	<20	<50	<50	<100	<100	<100	<20	21	<50	<50	<50	3.8	-	-	<0.4
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	340	210	550	<20	26	180	230	436	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	<20	<20	<50	<50	260	<100	260	<20	<20	140	140	280	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	530	280	810	<20	29	250	98	377	5.2	-	-	<0.4
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	<20	<20	<50	<50	340	140	480	<20	20	160	190	370	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	<20	<20	<50	<50	430	180	610	<20	23	260	240	523	10	-	-	2.7
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	<20	<20	<50	<50	570	220	790	<20	<20	280	320	600	6.3	-	-	<0.4
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	<20	<20	88	88	5,800	2,100	7,988	<20	48	2,700	1,400	4,148	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	<20	<20	<50	<50	420	200	620	<20	21	220	240	481	9.3	-	-	<0.4
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	<20	<20	<50	<50	590	320	910	<20	<20	280	71	351	16	-	-	1.1
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	<20	<20	<500	<500	4,300	<1,000.0	4,300	<20	<200	2,900	1,700	4,600	2.5	-	-	<0.4
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	<20	<20	57	57	1,300	360	1,717	<20	28	820	610	1,458	11	-	-	0.5
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	<20	<20	160	160	1,600	580	2,340	<20	81	980	230	1,291	6.3	-	-	3.3
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	<20	<20	180	180	1,200	390	1,770	<20	110	820	550	1,480	7	-	-	6.8
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	<20	<20	<50	<50	250	170	420	<20	<20	140	63	203	6	-	-	2.1
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	<20	<20	<50	<50	550	180	730	<20	26	360	240	626	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	<20	<20	<50	<50	820	280	1,100	<20	<20	470	450	920	19	-	-	2.2
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	<20	<20	<50	<50	320	170	490	<20	27	190	160	377	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	<20	<20	<50	<50	320	130	450	<20	<20	220	<50	220	12	-	-	3.7
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	<20	<20	<50	<50	130	<100	130	<20	<20	67	81	148	2.3	-	-	<0.4
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	<20	<20	<50	<50	280	110	390	<20	<20	180	<50	180	11	-	-	0.8
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	<20	<20	295.8	300	3,400	1,100	4,800	<20	150	2,300	1,700	4,150	9.9	-	-	3.6
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	<20	<20	290	290	4,700	1,300	6,290	<20	170	2,800	980	3,950	15	-	-	3.1
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	<20	<20	<50	<50	370	170	540	<20	24	210	200	434	41	-	-	1.9
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	<20	<20	<50	<50	420	160	580	<20	21	180	250	451	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	<20	<20	<50	<50	260	<100	260	<20	<20	150	200	350	9.7	-	-	1.2
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	250	140	390	<20	<20	130	<50	130	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	<20	<20	<50	<50	670	270	940	<20	32	380	350	762	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	<20	<20	<50	<50	380	180	560	<20	21	210	<50	231	8.1	-	-	1.7
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	<20	<20	<50	<50	330	180	510	<20	<20	160	220	380	2.5	-	-	<0.4
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	<20	<20	<50	<50	160	110	270	<20	<20	64	110	174	3.8	-	-	<0.4
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	<20	<20	<50	<50	120	<100	120	<20	<20	64	<50	64	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	<20	<20	<50	<50	250	110	360	<20	<20	120	150	270	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	<20	<20	<50	<50	400	160	560	<20	23	200	62	285	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	<20	<20	<50	<50	450	300	750	<20	25	220	82	327	6.5	-	-	0.9
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	<20	<20	<50	<50	650	370	1,020	<20	<20	280	98	378	6.4	-	-	2.7
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	<20	<20	510	510	4,700	700	5,910	<20	230	3,900	1,300	5,430	6.2	-	-	1.6
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	120	120	2,098.1	2,100	10,000	2,200	14,300	71	1,000	8,700	3,400	13,100	16	-	-	1.7
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	<20	<20	<50	<50	370	110	480	<20	<20	200	200	400	12	-	-	1.5
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	<20	<20	<50	<50	910	200	1,110	<20	<20	580	180	760	6.3	-	-	1.3
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	<20	<20	<50	<50	300	110	410	<20	<20	130	71	201	5.1	-	-	0.5
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	22	24	998.6	1,000	7,200	3,600	11,800	<20	570	3,500	6,000	11,000	3.3	<2	<10	<0.4
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	<20	<20	2,594.9	2,600	11,000	2,600	16,200	<20	1,500	8,400	5,700	15,600	5.1	<2	<10	1
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	<20	<20	<50	<50	240	410	650	<20	<20	87	250	337	3.5	<2	<10	<0.4
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	<20	<20	249.3	250	1,000	340	1,590	<20	130	790	450	1,370	4.1	<2	<10	<0.4
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	<20	<20	<50	<50	360	<100	360	<20	<20	220	200	420	4.4	<2	23	<0.4
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	<20	<20	<50	<50	540	450	990	<20	<20	280	380	660	8.7	<2	<10	<0.4
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	<20	<20	<50	<50	960	300	1,260	<20	<20	530	570	1,100	4.5	<2	<10	<0.4
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	<2	<2	<10	<0.4
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	<20	<20	<50	<50	240	<100	240	<20	<20	120	180	300	6.8	<2	<10	0.5
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	<20	<20	1,100	1,100	2,700	690	4,490	<20	710	2,100	1,300	4,110	9.2	<2	<10	<0.4
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	<20	<20	2,598.1	2,600	15,000	3,900	21,500	<20	1,200	10,000	8,500	19,700	9.4	<2	13	<0.4

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP06**	**TP06_2.5**	**28 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.2	<2	<10	<0.4
DU15	**WSP2024g_TP07**	**TP07_0.1**	**28 May 2024**	**Normal**	<20	<20	<50	<50	240	100	340	<20	<20	140	140	280	4.2	<2	<10	<0.4
DU15	**WSP2024g_TP07**	**TP07_1.0**	**28 May 2024**	**Normal**	<20	<20	<50	<50	350	480	830	<20	<20	110	400	510	2.1	<2	<10	<0.4
DU15	**WSP2024g_TP08**	**TP08_0.1**	**27 May 2024**	**Normal**	<20	<20	<50	<50	380	180	560	<20	<20	210	250	460	5.8	<2	<10	<0.4
DU15	**WSP2024g_TP08**	**TP08_1.0**	**27 May 2024**	**Normal**	<20	<20	390	390	4,700	1,100	6,190	<20	140	3,300	2,000	5,440	12	<2	<10	0.5
DU15	**WSP2024g_TP09**	**TP09_0.1**	**29 May 2024**	**Normal**	<20	<20	<50	<50	160	150	310	<20	<20	85	130	215	13	<2	<10	<0.4
DU15	**WSP2024g_TP09**	**TP09_0.4**	**29 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	66	66	3.2	<2	<10	0.5
DU15	**WSP2024g_TP10**	**TP10_0.1**	**29 May 2024**	**Normal**	230	230	8,297.6	8,300	23,000	2,500	33,800	120	4,700	22,000	5,800	32,500	15	<2	12	0.8
DU15	**WSP2024g_TP10**	**TP10_2.0**	**29 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.4	<2	<10	<0.4
DU15	**WSP2024g_TP11**	**TP11_0.5**	**29 May 2024**	**Normal**	240	240	6,981	7,000	26,000	2,700	35,700	<200	4,900	23,000	8,200	36,100	13	<2	33	2.1
DU15	**WSP2024g_TP11**	**TP11_2.0**	**29 May 2024**	**Normal**	<20	<20	<50	<50	120	<100	120	<20	<20	100	<50	100	2.3	<2	<10	<0.4
DU15	**WSP2024g_TP12**	**TP12_0.1**	**29 May 2024**	**Normal**	<20	<20	<50	<50	220	<100	220	<20	<20	150	110	260	9.3	<2	<10	<0.4
DU15	**WSP2024g_TP12**	**TP12__2.0**	**29 May 2024**	**Normal**	<20	<20	110	110	490	190	790	<20	48	330	290	668	2.9	<2	<10	<0.4
DU15	**WSP2024g_TP13**	**TP13_0.5**	**28 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	8.3	<2	<10	<0.4
DU15	**WSP2024g_TP13**	**TP13_1.5**	**28 May 2024**	**Normal**	<20	<20	<50	<50	260	<100	260	<20	<20	170	140	310	18	<2	260	16
DU15	**WSP2024g_TP14**	**TP14_0.1**	**28 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	51	<50	51	8.4	<2	<10	<0.4
DU15	**WSP2024g_TP14**	**TP14_1.5**	**28 May 2024**	**Normal**	<20	<20	490	490	2,100	390	2,980	<20	250	1,700	780	2,730	7.8	<2	72	3
DU15	**WSP2024g_TP15**	**TP15_0.1**	**31 May 2024**	**Normal**	25	24	<50	<50	<100	<100	<100	<20	<20	56	<50	56	2	<2	<10	<0.4
DU15	**WSP2024g_TP15**	**TP15_0.5**	**31 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	28	<2	11	<0.4
DU15	**WSP2024g_TP16**	**TP16_0.6**	**30 May 2024**	**Normal**	<20	<20	55	55	370	140	565	<20	45	260	190	495	24	<2	31	1.5
DU15	**WSP2024g_TP16**	**TP16_2.0**	**30 May 2024**	**Normal**	79	79	850	850	520	270	1,640	<20	930	380	280	1,590	4	<2	<10	0.8
DU15	**WSP2024g_TP18**	**TP18_0.1**	**31 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	6.7	<2	<10	<0.4
DU15	**WSP2024g_TP18**	**TP18_0.5**	**31 May 2024**	**Normal**	<20	<20	860	860	4,300	670	5,830	<20	610	3,300	1,700	5,610	9.1	<2	99	6.3
DU15	**WSP2024g_TP19**	**TP19_0.6**	**29 May 2024**	**Normal**	21	21	670	670	4,100	630	5,400	<20	360	3,100	1,600	5,060	10	<2	90	5.8
DU15	**WSP2024g_TP19**	**TP19_2.5**	**29 May 2024**	**Normal**	85	84	2,594.7	2,600	6,800	1,200	10,600	24	1,700	6,500	1,800	10,000	7.1	<2	<10	0.6
DU15	**WSP2024g_TP20**	**TP20_0.1**	**29 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	40	<2	<10	<0.4
DU15	**WSP2024g_TP20**	**TP20_2.5**	**28 May 2024**	**Normal**	<20	<20	<50	<50	100	180	280	<20	<20	55	95	150	2.9	<2	<10	<0.4
DU15	**WSP2024g_TP21**	**TP21_0.1**	**29 May 2024**	**Normal**	<20	<20	170	170	1,200	290	1,660	<20	54	920	480	1,454	8.2	<2	<10	<0.4
DU15	**WSP2024g_TP21**	**TP21_1.5**	**29 May 2024**	**Normal**	140	140	1,098.8	1,100	2,000	390	3,490	77	700	2,100	570	3,370	6.6	<2	12	1.7
DU15	**WSP2024g_TP22**	**TP22_0.05**	**30 May 2024**	**Normal**	<20	<20	65	65	870	260	1,195	<20	36	610	370	1,016	7.8	<2	<10	0.5
DU15	**WSP2024g_TP22**	**TP22_1.0**	**30 May 2024**	**Normal**	38	38	1,600	1,600	8,500	2,600	12,700	<20	620	5,900	4,600	11,120	9	<2	14	1.2
DU15	**WSP2024g_TP22**	**TP22_1.0 Yellow**	**30 May 2024**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	130	63	193	<2	<2	<10	<0.4
DU15	**WSP2024g_TP25**	**TP25_0.2**	**31 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	2.2	<2	<10	<0.4
DU15	**WSP2024g_TP25**	**TP25_0.05**	**31 May 2024**	**Normal**	<20	<20	580	580	7,400	1,700	9,680	<20	150	5,500	2,800	8,450	10	<2	<10	0.5
DU15	**WSP2024g_TP26**	**TP26_0.5**	**29 May 2024**	**Normal**	88	88	4,090	4,100	18,000	2,500	24,600	36	2,800	13,000	6,700	22,500	12	<2	64	5
DU15	**WSP2024g_TP26**	**TP26_2.0**	**29 May 2024**	**Normal**	<20	<20	<50	<50	330	370	700	<20	23	140	320	483	2.5	<2	<10	<0.4
DU15	**WSP2024g_TP27**	**TP27_0.1**	**29 May 2024**	**Normal**	<20	<20	<50	<50	160	<100	160	<20	<20	120	55	175	6.5	<2	<10	<0.4
DU15	**WSP2024g_TP27**	**TP27_1.5**	**29 May 2024**	**Normal**	<20	<20	1,300	1,300	3,600	150	5,050	<20	880	3,100	170	4,150	4.5	<2	30	1.4
DU15	**WSP2024g_TP28**	**TP28_1.0**	**31 May 2024**	**Normal**	<20	<20	1,300	1,300	5,400	660	7,360	<20	640	4,900	1,400	6,940	7.4	<2	59	4.2
DU15	**WSP2024g_TP28**	**TP28_1.95**	**31 May 2024**	**Normal**	53	53	1,300	1,300	4,100	2,100	7,500	21	940	2,200	3,300	6,440	3.9	<2	14	1
DU15	**WSP2024g_TP29**	**TP29_0.1**	**05 Jun 2024**	**Normal**	<20	<20	<50	<50	330	<100	330	<20	<20	230	130	360	5.7	<2	<10	<0.4
DU15	**WSP2024g_TP29**	**TP29_1.0**	**05 Jun 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.9	<2	<10	<0.4
DU15	**WSP2024g_TP30**	**TP30_0.1**	**29 May 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	5.6	<2	<10	0.5
DU15	**WSP2024g_TP30**	**TP30_0.5**	**29 May 2024**	**Normal**	<20	<20	180	180	410	160	750	<20	170	290	200	660	21	<2	170	18

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Beryllium	Boron	Cadmium
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	10	50	50	100	100	50	10	20	50	50	50	2	2	10	0.4
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000										
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**	<20	<20	<50	<50	350	430	780	<20	<20	140	340	480	3.1	<2	<10	<0.4
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**	<20	<20	<50	<50	<100	<100	<100	<20	<20	<50	<50	<50	3.3	<2	<10	<0.4
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**	<200	<200	7,485	7,500	14,000	2,300	23,800	<200	4,500	14,000	4,800	23,300	<2	<2	<10	<0.4
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**	52	52	1,391.2	1,400	4,600	840	6,840	<20	930	3,600	2,000	6,530	<2	<2	<10	<0.4
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**	<20	<20	220	220	3,100	630	3,950	<20	130	2,100	1,300	3,530	7.4	<2	18	1.9
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**	32	32	<2,500.0	<2,500.0	19,000	11,000	30,000	<20	<1,000.0	9,900	13,000	22,900	5.4	<2	20	1.3

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**S005_TP01**	**S005_TP01_0.1**	**12 Apr 2022**	**Normal**	55	-	1,480	746	-	0.2	27	-	4,370	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU15	**S005_TP03**	**S005_TP03_1.0**	**12 Apr 2022**	**Normal**	14	-	80	105	-	0.7	11	-	878	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU15	**S005_TP05**	**S005_TP05_0.1**	**12 Apr 2022**	**Normal**	8	-	32	22	-	<0.1	22	-	142	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU15	**S005_TP05**	**SQA03_20220412**	**12 Apr 2022**	**Field_D**	8	-	36	17	-	<0.1	21	-	105	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU15	**S006_TP03**	**S006_TP03_0.3**	**30 Mar 2022**	**Normal**	146	-	1,200	1,600	-	1.2	87	-	12,900	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU15	**S006_TP05**	**S006_TP05_0.1**	**30 Mar 2022**	**Normal**	18	-	114	92	-	3.7	19	-	668	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU15	**S006-TP01**	**S006-TP01_0.1**	**30 Mar 2022**	**Normal**	102	-	908	1,290	-	1.9	70	-	10,600	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2
DU15	**WSP2020c_BH07**	**BH07_ACM_0.5**	**25 Nov 2019**	**Normal**	<5	-	<5	<5	-	0.1	<5	-	13	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH07**	**BH07_ACM_3.5**	**25 Nov 2019**	**Normal**	<5	-	<5	<5	-	0.4	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH08**	**BH08_ACM_1.0**	**25 Nov 2019**	**Normal**	<5	-	<5	6.0	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH08**	**BH08_ACM_5.0**	**25 Nov 2019**	**Normal**	6.8	-	<5	5.2	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH08**	**BH08_T200_8.0**	**13 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH08**	**BH08_T200_12.4**	**13 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	5.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH09**	**BH09_ACM_1.5**	**25 Nov 2019**	**Normal**	<5	-	<5	5.0	-	<0.1	<5	-	6.8	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH09**	**BH09_ACM_7.0**	**25 Nov 2019**	**Normal**	73	-	<5	10	-	<0.1	13	-	41	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH09**	**BH09_T200_9.5**	**14 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH09**	**BH09_T200_13.2**	**14 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH10**	**BH10_ACM_2.0**	**25 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH10**	**BH10_ACM_5.3**	**25 Nov 2019**	**Normal**	34	-	<5	9.7	-	<0.1	9.4	-	16	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH10**	**BH10_T200_9.0**	**14 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	500	<0.1	500	-
DU15	**WSP2020c_BH10**	**BH10_T200_11.0**	**14 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	300	<0.1	<0.3	-
DU15	**WSP2020c_BH10**	**BH10_T200_14.0**	**14 Nov 2019**	**Normal**	9.0	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH11**	**BH11_ACM_1.0**	**26 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	18	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH11**	**BH11_T200_1.3**	**15 Nov 2019**	**Normal**	16	-	<5	6.7	-	0.2	<5	-	26	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH12**	**BH12_ACM_1.0**	**26 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	6.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH12**	**BH12_T200_7.3**	**15 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH12**	**BH12_T200_9.8**	**15 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH13**	**BH13_ACM_0.2**	**26 Nov 2019**	**Normal**	13	-	28	11	-	<0.1	51	-	55	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH13**	**BH13_T200_1.5**	**19 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	5.7	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH13**	**BH13_T200_3.0**	**19 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	0.4	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH13**	**BH13_T200_6.0**	**19 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	0.2	0.8	2	0.2	2.1	-
DU15	**WSP2020c_BH13**	**BH13_T200_14.0**	**19 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH14**	**BH14_ACM_0.5**	**26 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH14**	**BH14_T200_2.5**	**20 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	6.8	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH14**	**BH14_T200_3.5**	**20 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH14**	**BH14_T200_9.0**	**20 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	0.4	6.4	0.9	7.3	-
DU15	**WSP2020c_BH14**	**BH14_T200_15.40**	**20 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	2.1	11	1.2	12	-
DU15	**WSP2020c_BH15**	**BH15_ACM_0.5**	**27 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	6.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH15**	**BH15_T200_2.0**	**21 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	9.4	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH15**	**BH15_T200_4.0**	**21 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	6.5	<0.1	3.5	3.7	15	3	18	-
DU15	**WSP2020c_BH15**	**BH15_T200_6.0**	**21 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	1.8	1.8	7	1	8.1	-
DU15	**WSP2020c_BH15**	**BH15_T200_16.50**	**21 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH16**	**BH16_ACM_2.0**	**27 Nov 2019**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2020c_BH16**	**BH16_ACM_4.5**	**27 Nov 2019**	**Normal**	43	-	<5	<5	-	<0.1	10.0	-	7.3	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	<5	-	<5	<5	-	<0.1	<5	-	<5	<1,000.0	<1,000.0	<1,000.0	<2,000.0	<1,000.0	<3,000.0	-
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	0.1	0.8	0.9	0.2	1.1	-
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	<5	-	<5	<5	-	<0.1	<5	-	<5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	5.9	-	<5	5.8	-	<0.1	<5	-	28	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	7	-	<5	<5	-	<0.1	<5	-	8	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	<5	-	<5	<5	-	<0.1	<5	-	8.9	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	250	-	6.9	14	-	<0.1	18	-	22	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	<5	-	13	<5	-	<0.1	20	-	17	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	23	-	58	55	-	0.1	21	-	340	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	<5	-	15	16	-	<0.1	<5	-	56	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	55	-	57	66	-	1.2	21	-	2,700.0	<0.1	<0.1	<0.1	0.4	0.4	0.8	-
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	<5	-	<5	6.2	-	<0.1	<5	-	71	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	7.2	-	15	22	-	<0.1	8.9	-	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	<5	-	9.5	5.3	-	<0.1	5.5	-	32	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	17	-	23	26	-	0.1	24	-	190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	210	-	2,900.0	5,600.0	-	3.5	78	-	18,000.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	160	-	1,000.0	2,500.0	-	0.9	100	-	5,600.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	34	-	260	630	-	0.1	17	-	2,700.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	190	-	2,100.0	3,000.0	-	0.6	72	-	11,000.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	54	-	430	490	-	0.7	47	-	3,600.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	48	-	73	94	-	0.4	34	-	630	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	52	-	350	430	-	0.9	40	-	3,300.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	150	-	1,000.0	1,500.0	-	2.7	75	-	10,000.0	<0.1	<0.1	0.2	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	41	-	160	130	-	1.4	34	-	700	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	260	-	3,700.0	8,100.0	-	1.2	110	-	21,000.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	100	-	110	130	-	0.8	48	-	520	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	26	-	35	31	-	0.2	35	-	190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2021f_TP18**	**TP18_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP18**	**TP18_2.0**	**18 Mar 2021**	**Normal**	7	-	15	11	-	<0.1	<5	-	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP19**	**TP19_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	0.3	<0.1	0.5	0.2	0.7	-
DU15	**WSP2021f_TP19**	**TP19_0.3**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP20**	**TP20_0.1**	**18 Mar 2021**	**Normal**	42	-	190	330	-	1.9	31	-	1,200.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP20**	**TP20_1.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP21**	**TP21_0.5**	**17 Mar 2021**	**Normal**	34	-	1,500.0	210	-	0.3	29	-	710	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP21**	**TP21_2.0**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP22**	**TP22_0.3**	**17 Mar 2021**	**Normal**	64	-	270	170	-	2.3	40	-	1,000.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP23**	**TP23_0.3**	**16 Mar 2021**	**Normal**	180	-	980	680	-	2.3	56	-	4,000.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP25**	**TP25_0.5**	**17 Mar 2021**	**Normal**	86	-	770	1,000.0	-	1.5	67	-	7,300.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP25**	**TP25_2.0**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP26**	**TP26_0.5**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP26**	**TP26_2.0**	**17 Mar 2021**	**Normal**	130	-	1,000.0	1,300.0	-	3.1	150	-	8,800.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP27**	**TP27_0.1**	**17 Mar 2021**	**Normal**	150	-	2,500.0	1,700.0	-	4.1	72	-	6,100.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP28**	**TP28_0.1**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP28**	**TP28_1.0**	**17 Mar 2021**	**Normal**	140	-	650	940	-	2	100	-	3,600.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP29**	**TP29_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP29**	**TP29_0.5**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP29**	**TP29_1.0**	**18 Mar 2021**	**Normal**	72	-	570	670	-	1.9	46	-	4,000.0	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP30**	**TP30_0.1**	**18 Mar 2021**	**Normal**	16	-	39	23	-	0.2	34	-	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP30**	**TP30_0.5**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP30**	**TP30_1.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2021f_TP30**	**TP30_2.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW100**	**PMW100_0.5**	**13 Apr 2023**	**Normal**	160	-	2,000	3,400	-	0.7	67	-	19,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW100**	**PMW100_8.0**	**13 Apr 2023**	**Normal**	13	-	63	81	-	<0.1	<5	-	520	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW101**	**PMW101_1.0**	**13 Apr 2023**	**Normal**	140	-	1,100	1,200	-	2	58	-	6,800	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW101**	**PMW101_3.2**	**13 Apr 2023**	**Normal**	<5	-	<5	9.3	-	<0.1	<5	-	34	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW102**	**PMW102_0.5**	**12 Apr 2023**	**Normal**	17	-	25	20	-	<0.1	19	-	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW102**	**PMW102_4.5**	**12 Apr 2023**	**Normal**	11	-	91	63	-	<0.1	6	-	550	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW103**	**PMW103_0.3**	**21 Apr 2023**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW103**	**PMW103_4.0**	**21 Apr 2023**	**Normal**	<5	-	19	18	-	<0.1	<5	-	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW104**	**PMW104_1.0**	**14 Apr 2023**	**Normal**	20	-	<5	21	-	<0.1	<5	-	12	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**PMW104_1.0**	**19 Apr 2023**	**Normal**	33	-	270	190	-	-	16	-	1,000	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**PMW104_2.0**	**14 Apr 2023**	**Normal**	26	-	51	280	-	0.6	<5	-	140	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**PMW104_2.0**	**19 Apr 2023**	**Normal**	150	-	220	310	-	-	20	-	2,000	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**PMW104_3.0**	**14 Apr 2023**	**Normal**	130	-	410	530	-	0.9	21	-	1,500	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW104**	**PMW104_3.0**	**19 Apr 2023**	**Normal**	29	-	160	160	-	-	25	-	1,600	-	-	-	-	-	-	-
DU15	**WSP2023d_PMW104**	**PMW104_3.5**	**14 Apr 2023**	**Normal**	65	-	210	310	-	0.3	15	-	790	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW105**	**PMW105_0.5**	**21 Apr 2023**	**Normal**	28	-	41	29	-	0.6	41	-	170	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW105**	**PMW105_9.0**	**21 Apr 2023**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	37	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW106**	**PMW106_0.1**	**21 Apr 2023**	**Normal**	20	-	91	70	-	0.2	11	-	670	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_PMW106**	**PMW106_6.0**	**21 Apr 2023**	**Normal**	<5	-	<5	<5	-	<0.1	<5	-	42	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_TP231**	**TP231_1.0**	**13 Apr 2023**	**Normal**	20	-	82	66	-	<0.1	55	-	390	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2023d_TP231**	**TP231_1.0**	**19 Apr 2023**	**Normal**	47	-	400	200	-	-	45	-	1,300	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**TP231_1.3**	**13 Apr 2023**	**Normal**	71	-	350	1,500	-	0.5	62	-	2,100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_TP231**	**TP231_2.0**	**13 Apr 2023**	**Normal**	59	-	480	1,100	-	0.5	43	-	4,500	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**TP231_2.0**	**19 Apr 2023**	**Normal**	74	-	520	350	-	-	21	-	4,100	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**TP231_3.0**	**13 Apr 2023**	**Normal**	74	-	450	890	-	0.8	45	-	3,500	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**TP231_3.0**	**19 Apr 2023**	**Normal**	29	-	300	440	-	-	26	-	3,200	-	-	-	-	-	-	-
DU15	**WSP2023d_TP231**	**TP231_4.6**	**13 Apr 2023**	**Normal**	8.9	-	66	93	-	<0.1	5.7	-	610	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_TP232**	**TP232_1.0**	**14 Apr 2023**	**Normal**	110	-	1,500	910	-	2.1	67	-	5,900	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**TP232_1.0**	**19 Apr 2023**	**Normal**	68	-	1,600	530	-	-	48	-	4,600	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**TP232_2.0**	**14 Apr 2023**	**Normal**	80	-	800	690	-	1.4	50	-	4,600	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**TP232_2.0**	**19 Apr 2023**	**Normal**	190	-	2,600	1,700	-	-	100	-	15,000	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**TP232_3.0**	**14 Apr 2023**	**Normal**	120	-	940	900	-	0.8	69	-	6,500	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**TP232_3.0**	**19 Apr 2023**	**Normal**	190	-	3,000	1,900	-	-	120	-	17,000	-	-	-	-	-	-	-
DU15	**WSP2023d_TP232**	**TP232_6.0**	**14 Apr 2023**	**Normal**	67	-	360	310	-	0.6	38	-	2,300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_TP232**	**TP232_7.0**	**14 Apr 2023**	**Normal**	23	-	36	34	-	0.2	12	-	260	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_TP233**	**TP233_0.5**	**14 Apr 2023**	**Normal**	13	-	110	14	-	<0.1	5.1	-	83	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_TP233**	**TP233_1.0**	**14 Apr 2023**	**Normal**	10	-	23	7.6	-	<0.1	21	-	43	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**TP233_1.0**	**19 Apr 2023**	**Normal**	13	-	61	38	-	-	18	-	230	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**TP233_2.0**	**14 Apr 2023**	**Normal**	20	-	110	53	-	0.2	38	-	690	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**TP233_2.0**	**19 Apr 2023**	**Normal**	15	-	77	43	-	-	21	-	350	-	-	-	-	-	-	-
DU15	**WSP2023d_TP233**	**TP233_3.0**	**14 Apr 2023**	**Normal**	<5	-	21	8.2	-	0.1	6.3	-	74	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023d_TP233**	**TP233_3.0**	**19 Apr 2023**	**Normal**	15	-	62	30	-	-	19	-	200	-	-	-	-	-	-	-
DU15	**WSP2023g_PMW91**	**PMW91_0.1**	**18 Aug 2022**	**Normal**	9.6	-	27	33	-	<0.1	9.4	-	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_PMW91**	**PMW91_2.0**	**18 Aug 2022**	**Normal**	63	-	470	660	-	1	37	-	5,400	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_PMW91**	**PMW91_6.0**	**18 Aug 2022**	**Normal**	12	-	63	73	-	<0.1	<5	-	440	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_PMW91**	**PMW91_8.0**	**18 Aug 2022**	**Normal**	<5	-	<5	8.5	-	<0.1	<5	-	54	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_PMW92**	**PMW92_0.5**	**18 Aug 2022**	**Normal**	70	-	540	830	-	0.8	57	-	5,500	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_PMW92**	**PMW92_5.0**	**18 Aug 2022**	**Normal**	120	-	930	1,100	-	0.2	57	-	9,200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_PMW92**	**PMW92_6.0**	**18 Aug 2022**	**Normal**	19	-	140	170	-	<0.1	9.6	-	1,500	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP01**	**TP01_0.1**	**18 Mar 2021**	**Normal**	23	-	58	55	-	0.1	21	-	340	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP01**	**TP01_2.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP01**	**TP01_SY_0.15**	**16 Aug 2022**	**Normal**	19	-	45	98	-	0.2	8.4	-	220	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP02**	**TP02_0.5**	**18 Mar 2021**	**Normal**	<5	-	15	16	-	<0.1	<5	-	56	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP03**	**TP03_0.1**	**18 Mar 2021**	**Normal**	55	-	57	66	-	1.2	21	-	2,700	<0.1	<0.1	<0.1	0.4	0.4	0.8	-
DU15	**WSP2023g_TP03**	**TP03_0.3**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP03**	**TP03_0.5**	**18 Mar 2021**	**Normal**	<5	-	<5	6.2	-	<0.1	<5	-	71	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP03**	**TP03_SY_0.15**	**16 Aug 2022**	**Normal**	25	-	37	42	-	0.5	20	-	340	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP04**	**TP04_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP04**	**TP04_1.0**	**18 Mar 2021**	**Normal**	7.2	-	15	22	-	<0.1	8.9	-	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP05**	**TP05_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP05**	**TP05_0.5**	**18 Mar 2021**	**Normal**	<5	-	9.5	5.3	-	<0.1	5.5	-	32	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP05**	**TP05_1.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP05**	**TP05_SY_0.15**	**16 Aug 2022**	**Normal**	18	-	34	26	-	0.4	14	-	290	<0.1	<0.1	0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP06**	**TP06_1.0**	**18 Mar 2021**	**Normal**	17	-	23	26	-	0.1	24	-	190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2023g_TP07**	**TP07_0.3**	**17 Mar 2021**	**Normal**	210	-	2,900	5,600	-	3.5	78	-	18,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP07**	**TP07_1.0**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP07**	**TP07_SY_0.5**	**16 Aug 2022**	**Normal**	8.3	-	21	15	-	0.3	11	-	190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP07**	**TP07_SY_0.15**	**16 Aug 2022**	**Normal**	31	-	50	55	-	3.5	29	-	4,100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP07**	**TP07_SY_1.0**	**16 Aug 2022**	**Normal**	<5	-	11	9.2	-	<0.1	<5	-	81	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP07**	**TP07_SY_2.0**	**16 Aug 2022**	**Normal**	<5	-	7	5.9	-	<0.1	<5	-	45	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP08**	**TP08_0.3**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP08**	**TP08_1.0**	**17 Mar 2021**	**Normal**	160	-	1,000	2,500	-	0.9	100	-	5,600	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP09**	**TP09_0.1**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP09**	**TP09_1.0**	**17 Mar 2021**	**Normal**	34	-	260	630	-	0.1	17	-	2,700	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP09**	**TP09_2.0**	**17 Mar 2021**	**Normal**	190	-	2,100	3,000	-	0.6	72	-	11,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP09**	**TP09_SY_0.15**	**16 Aug 2022**	**Normal**	36	-	22	18	-	<0.1	43	-	75	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP11**	**TP11_0.1**	**16 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP11**	**TP11_0.5**	**16 Mar 2021**	**Normal**	54	-	430	490	-	0.7	47	-	3,600	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP12**	**TP12_0.1**	**17 Mar 2021**	**Normal**	48	-	73	94	-	0.4	34	-	630	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP12**	**TP12_1.0**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP12**	**TP12_SY_0.15**	**16 Aug 2022**	**Normal**	64	-	120	84	-	2.6	39	-	3,800	<0.1	<0.1	<0.1	<0.2	0.1	<0.3	-
DU15	**WSP2023g_TP13**	**TP13_0.6**	**16 Mar 2021**	**Normal**	52	-	350	430	-	0.9	40	-	3,300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP13**	**TP13_SY_0.15**	**16 Aug 2022**	**Normal**	19	-	25	10	-	0.2	25	-	73	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP14**	**TP14_0.1**	**16 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP14**	**TP14_0.7**	**16 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP14**	**TP14_2.0**	**16 Mar 2021**	**Normal**	150	-	1,000	1,500	-	2.7	75	-	10,000	<0.1	<0.1	0.2	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP14**	**TP14_SY_0.15**	**16 Aug 2022**	**Normal**	11	-	39	26	-	0.3	14	-	230	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP15**	**TP15_0.1**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP15**	**TP15_0.3**	**17 Mar 2021**	**Normal**	41	-	160	130	-	1.4	34	-	700	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP15**	**TP15_1.0**	**17 Mar 2021**	**Normal**	260	-	3,700	8,100	-	1.2	110	-	21,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP16**	**TP16_0.3**	**17 Mar 2021**	**Normal**	100	-	110	130	-	0.8	48	-	520	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP16**	**TP16_1.0**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP16**	**TP16_SY_0.15**	**16 Aug 2022**	**Normal**	35	-	57	37	-	1.5	50	-	350	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP17**	**TP17_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP17**	**TP17_0.3**	**18 Mar 2021**	**Normal**	26	-	35	31	-	0.2	35	-	190	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP17**	**TP17_SY_0.5**	**16 Aug 2022**	**Normal**	58	-	570	390	-	1.5	87	-	4,800	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP17**	**TP17_SY_0.15**	**16 Aug 2022**	**Normal**	30	-	270	230	-	0.8	19	-	1,400	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP17**	**TP17_SY_1.0**	**16 Aug 2022**	**Normal**	59	-	610	420	-	2.8	60	-	2,200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP17**	**TP17_SY_2.0**	**16 Aug 2022**	**Normal**	320	-	3,900	3,400	-	0.6	180	-	29,000	<0.1	<0.1	0.1	<0.2	0.1	<0.3	-
DU15	**WSP2023g_TP18**	**TP18_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP18**	**TP18_2.0**	**18 Mar 2021**	**Normal**	7	-	15	11	-	<0.1	<5	-	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP19**	**TP19_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	0.3	<0.1	0.5	0.2	0.7	-
DU15	**WSP2023g_TP19**	**TP19_0.3**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP20**	**TP20_0.1**	**18 Mar 2021**	**Normal**	42	-	190	330	-	1.9	31	-	1,200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP20**	**TP20_1.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP20**	**TP20_SY_0.15**	**16 Aug 2022**	**Normal**	130	-	1,100	1,700	-	2.2	74	-	12,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP21**	**TP21_0.5**	**17 Mar 2021**	**Normal**	34	-	1,500	210	-	0.3	29	-	710	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP21**	**TP21_2.0**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2023g_TP22**	**TP22_0.3**	**17 Mar 2021**	**Normal**	64	-	270	170	-	2.3	40	-	1,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP23**	**TP23_0.3**	**16 Mar 2021**	**Normal**	180	-	980	680	-	2.3	56	-	4,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP24**	**TP24_SY_0.15**	**17 Aug 2022**	**Normal**	15	-	32	28	-	0.7	11	-	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP24**	**TP24_SY_1.0**	**17 Aug 2022**	**Normal**	96	-	2,100	380	-	2.1	32	-	1,800	<0.1	0.3	<0.1	0.3	0.1	0.4	-
DU15	**WSP2023g_TP24**	**TP24_SY_2.0**	**17 Aug 2022**	**Normal**	130	-	800	1,200	-	1	48	-	8,100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP24**	**TP24_SY_2.3**	**17 Aug 2022**	**Normal**	180	-	1,700	2,900	-	0.5	59	-	19,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP25**	**TP25_0.5**	**17 Mar 2021**	**Normal**	86	-	770	1,000	-	1.5	67	-	7,300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP25**	**TP25_2.0**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP25**	**TP25_SY_0.15**	**17 Aug 2022**	**Normal**	320	-	1,400	1,100	-	3.9	140	-	6,700	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP26**	**TP26_0.5**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP26**	**TP26_2.0**	**17 Mar 2021**	**Normal**	130	-	1,000	1,300	-	3.1	150	-	8,800	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP26**	**TP26_SY_0.15**	**17 Aug 2022**	**Normal**	38	-	23	18	-	0.3	8.3	-	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP26**	**TP26_SY_1.0**	**17 Aug 2022**	**Normal**	100	-	610	530	-	1.3	36	-	3,300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP26**	**TP26_SY_2.0**	**17 Aug 2022**	**Normal**	97	-	950	1,300	-	0.4	58	-	7,300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP26**	**TP26_SY_3.0**	**17 Aug 2022**	**Normal**	100	-	12,000	1,700	-	0.6	96	-	5,100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP27**	**TP27_0.1**	**17 Mar 2021**	**Normal**	150	-	2,500	1,700	-	4.1	72	-	6,100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP28**	**TP28_0.1**	**17 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP28**	**TP28_1.0**	**17 Mar 2021**	**Normal**	140	-	650	940	-	2	100	-	3,600	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP29**	**TP29_0.1**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP29**	**TP29_0.5**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP29**	**TP29_1.0**	**18 Mar 2021**	**Normal**	72	-	570	670	-	1.9	46	-	4,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP29**	**TP29_SY_0.15**	**17 Aug 2022**	**Normal**	11	-	42	51	-	<0.1	11	-	300	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP30**	**TP30_0.1**	**18 Mar 2021**	**Normal**	16	-	39	23	-	0.2	34	-	130	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP30**	**TP30_0.5**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP30**	**TP30_1.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP30**	**TP30_2.0**	**18 Mar 2021**	**Normal**	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP31**	**TP31_SY_0.15**	**17 Aug 2022**	**Normal**	49	-	320	360	-	0.6	40	-	2,600	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP31**	**TP31_SY_1.0**	**17 Aug 2022**	**Normal**	83	-	1,100	1,200	-	1.1	49	-	9,400	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP31**	**TP31_SY_2.0**	**17 Aug 2022**	**Normal**	33	-	320	460	-	0.6	19	-	3,500	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP31**	**TP31_SY_3.0**	**17 Aug 2022**	**Normal**	71	-	480	1,100	-	2.4	94	-	3,300	<0.1	<0.1	0.2	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP33**	**TP33_SY_0.15**	**17 Aug 2022**	**Normal**	160	-	870	760	-	2.6	58	-	5,400	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP34**	**TP34_SY_0.15**	**17 Aug 2022**	**Normal**	49	-	480	580	-	0.3	65	-	5,000	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2023g_TP38**	**TP38_SY_0.15**	**17 Aug 2022**	**Normal**	48	-	190	210	-	1	26	-	1,800	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-
DU15	**WSP2024g_TP01**	**TP01_0.7**	**28 May 2024**	**Normal**	27	6	65	52	87	6.3	33	<2	130	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP01**	**TP01_2.5**	**28 May 2024**	**Normal**	160	17	85	30	120	21	130	<2	410	<0.1	<0.1	<0.1	0.3	<0.1	-	-
DU15	**WSP2024g_TP02**	**TP02_0.1**	**27 May 2024**	**Normal**	13	<5	18	25	260	<0.1	11	<2	80	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP02**	**TP02_1.5**	**27 May 2024**	**Normal**	6.5	<5	38	7.5	39	28	5.2	<2	150	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP03**	**TP03_0.1**	**27 May 2024**	**Normal**	61	10	60	29	500	1.3	85	<2	1,100	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP03**	**TP03_2.0**	**27 May 2024**	**Normal**	28	7.7	71	70	140	22	19	<2	250	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP04**	**TP04_0.1**	**27 May 2024**	**Normal**	33	7.2	60	38	150	1.5	21	<2	240	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP04**	**TP04_0.8**	**27 May 2024**	**Normal**	5.4	<5	<5	7.3	13	<0.1	<5	<2	40	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP05**	**TP05_0.5**	**28 May 2024**	**Normal**	36	13	200	220	390	1.3	31	<2	1,300	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP05**	**TP05_1.0**	**28 May 2024**	**Normal**	20	5.7	74	63	150	5.2	15	<2	230	<0.1	0.8	<0.1	0.3	<0.1	-	-
DU15	**WSP2024g_TP06**	**TP06_0.5**	**28 May 2024**	**Normal**	22	<5	44	27	95	18	23	<2	150	<0.1	0.1	<0.1	<0.2	0.1	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP06**	**TP06_2.5**	**28 May 2024**	**Normal**	<5	<5	<5	<5	<5	<0.1	<5	<2	<5	<0.1	1.4	0.1	0.6	0.2	-	-
DU15	**WSP2024g_TP07**	**TP07_0.1**	**28 May 2024**	**Normal**	8.8	<5	15	29	73	1.5	<5	<2	19	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP07**	**TP07_1.0**	**28 May 2024**	**Normal**	6.5	<5	9.7	18	32	0.2	<5	<2	60	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP08**	**TP08_0.1**	**27 May 2024**	**Normal**	19	15	80	170	210	3.1	60	3.1	330	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP08**	**TP08_1.0**	**27 May 2024**	**Normal**	100	14	160	180	300	2.9	43	<2	880	<0.1	0.2	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP09**	**TP09_0.1**	**29 May 2024**	**Normal**	37	5.4	270	350	28	0.2	8	<2	1,400	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP09**	**TP09_0.4**	**29 May 2024**	**Normal**	29	22	210	210	460	<0.1	53	<2	1,400	<0.1	0.4	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP10**	**TP10_0.1**	**29 May 2024**	**Normal**	36	20	410	170	240	47	34	2.7	1,400	<0.1	<0.1	<0.1	<0.2	0.3	-	-
DU15	**WSP2024g_TP10**	**TP10_2.0**	**29 May 2024**	**Normal**	<5	<5	<5	<5	<5	<0.1	<5	<2	<5	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP11**	**TP11_0.5**	**29 May 2024**	**Normal**	80	20	600	1,000	180	1.8	45	3.4	6,800	<1	<1	<1	<2	<1	-	-
DU15	**WSP2024g_TP11**	**TP11_2.0**	**29 May 2024**	**Normal**	<5	<5	<5	9.5	11	0.4	<5	<2	12	<0.1	0.7	<0.1	0.2	<0.1	-	-
DU15	**WSP2024g_TP12**	**TP12_0.1**	**29 May 2024**	**Normal**	15	<5	46	64	130	0.7	8.1	<2	370	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP12**	**TP12__2.0**	**29 May 2024**	**Normal**	36	<5	16	42	73	2.3	22	<2	52	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP13**	**TP13_0.5**	**28 May 2024**	**Normal**	16	<5	92	120	55	0.2	9.8	<2	680	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP13**	**TP13_1.5**	**28 May 2024**	**Normal**	420	120	4,900	5,300	1,000	0.4	180	8.8	44,000	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP14**	**TP14_0.1**	**28 May 2024**	**Normal**	12	<5	36	45	46	1.7	5.1	<2	230	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP14**	**TP14_1.5**	**28 May 2024**	**Normal**	190	33	1,000	850	220	2	50	<2	6,700	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP15**	**TP15_0.1**	**31 May 2024**	**Normal**	<5	<5	<5	11	5.7	0.1	<5	<2	<5	<0.1	<0.1	<0.1	<0.2	0.7	-	-
DU15	**WSP2024g_TP15**	**TP15_0.5**	**31 May 2024**	**Normal**	63	7.1	140	190	42	0.2	9.4	<2	1,800	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP16**	**TP16_0.6**	**30 May 2024**	**Normal**	51	13	360	470	140	0.6	28	2.4	4,800	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP16**	**TP16_2.0**	**30 May 2024**	**Normal**	28	6.8	120	91	170	0.8	25	<2	680	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP18**	**TP18_0.1**	**31 May 2024**	**Normal**	8.8	<5	21	46	7.2	<0.1	<5	<2	360	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP18**	**TP18_0.5**	**31 May 2024**	**Normal**	140	43	1,600	2,900	340	0.8	60	2.5	23,000	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP19**	**TP19_0.6**	**29 May 2024**	**Normal**	150	49	1,600	2,200	350	1.2	63	2.5	18,000	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP19**	**TP19_2.5**	**29 May 2024**	**Normal**	130	5.2	290	73	140	5.8	44	<2	820	<0.1	<0.1	0.4	0.3	0.1	-	-
DU15	**WSP2024g_TP20**	**TP20_0.1**	**29 May 2024**	**Normal**	10	<5	12	12	190	<0.1	6.8	<2	42	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP20**	**TP20_2.5**	**28 May 2024**	**Normal**	5.3	<5	18	43	22	<0.1	<5	<2	230	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP21**	**TP21_0.1**	**29 May 2024**	**Normal**	26	<5	31	73	25	1.7	<5	<2	380	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP21**	**TP21_1.5**	**29 May 2024**	**Normal**	32	10	130	170	240	2.2	29	<2	1,100	<0.1	<0.1	0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP22**	**TP22_0.05**	**30 May 2024**	**Normal**	19	<5	300	260	66	0.2	180	<2	1,200	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP22**	**TP22_1.0**	**30 May 2024**	**Normal**	150	9.7	500	360	86	4.2	61	<2	1,300	<0.1	0.2	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP22**	**TP22_1.0 Yellow**	**30 May 2024**	**Normal**	14	<5	100	96	53	0.5	9.3	<2	1,000	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP25**	**TP25_0.2**	**31 May 2024**	**Normal**	<5	<5	<5	15	5.5	<0.1	<5	<2	19	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP25**	**TP25_0.05**	**31 May 2024**	**Normal**	28	11	130	130	140	26	24	<2	1,000	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP26**	**TP26_0.5**	**29 May 2024**	**Normal**	120	41	1,500	2,600	310	0.8	80	3.9	16,000	<0.1	<0.1	<0.1	<0.2	0.1	-	-
DU15	**WSP2024g_TP26**	**TP26_2.0**	**29 May 2024**	**Normal**	12	<5	26	14	45	0.2	9.3	<2	80	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP27**	**TP27_0.1**	**29 May 2024**	**Normal**	8.6	<5	14	16	11	1	<5	<2	57	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP27**	**TP27_1.5**	**29 May 2024**	**Normal**	50	17	460	230	150	1.1	37	<2	3,100	<0.1	<0.1	0.3	<0.2	<0.1	-	-
DU15	**WSP2024g_TP28**	**TP28_1.0**	**31 May 2024**	**Normal**	170	45	1,400	860	200	7.8	61	<2	7,100	<0.1	<0.1	<0.1	<0.2	0.7	-	-
DU15	**WSP2024g_TP28**	**TP28_1.95**	**31 May 2024**	**Normal**	40	11	260	210	120	1.1	26	<2	1,500	<0.1	0.2	<0.1	<0.2	0.2	-	-
DU15	**WSP2024g_TP29**	**TP29_0.1**	**05 Jun 2024**	**Normal**	23	5.2	240	280	30	0.8	8.3	<2	1,300	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP29**	**TP29_1.0**	**05 Jun 2024**	**Normal**	<5	<5	<5	<5	26	<0.1	<5	<2	280	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP30**	**TP30_0.1**	**29 May 2024**	**Normal**	23	5.2	150	210	71	0.2	9.5	<2	2,000	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP30**	**TP30_0.5**	**29 May 2024**	**Normal**	210	49	1,500	3,000	590	2.3	73	3.3	17,000	<0.1	<0.1	<0.1	<0.2	<0.1	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Metals									Monocyclic Aromatic Hydrocarbons						
					Chromium	Cobalt	Copper	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Total BTEX
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					1	5	1	1	5	0.1	1	2	1	0.1	0.1	0.1	0.2	0.1	0.3	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)														**430**	**99,000**	**27,000**			**81,000**	
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)														*1,100*	*120,000*	*85,000*			*130,000*	
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**	<5	<5	13	22	7.9	<0.1	<5	<2	150	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**	<5	<5	15	23	8.4	<0.1	<5	<2	200	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**	<5	<5	<5	9.1	<5	0.2	130	<2	14	<1	2.3	<0.1	<2	<1	-	-
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**	<5	<5	<5	<5	5.4	<0.1	<5	<2	<5	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**	59	17	550	850	170	1.3	30	<2	5,300	<0.1	<0.1	<0.1	<0.2	<0.1	-	-
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**	53	15	340	940	110	2.7	25	<2	3,400	<0.1	<0.1	<0.1	<0.2	0.1	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Polynuclear Aromatic Hydrocarbons							
						Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)										**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*29,000*															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU15	S005_TP01	S005_TP01_0.1	12 Apr 2022	Normal		-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	S005_TP03	S005_TP03_1.0	12 Apr 2022	Normal		-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	S005_TP05	S005_TP05_0.1	12 Apr 2022	Normal		-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	S005_TP05	SQA03_20220412	12 Apr 2022	Field_D		-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	S006_TP03	S006_TP03_0.3	30 Mar 2022	Normal		-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	S006_TP05	S006_TP05_0.1	30 Mar 2022	Normal		-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	0.8	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	S006-TP01	S006-TP01_0.1	30 Mar 2022	Normal		-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH07	BH07_ACM_0.5	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH07	BH07_ACM_3.5	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH08	BH08_ACM_1.0	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH08	BH08_ACM_5.0	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH08	BH08_T200_8.0	13 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH08	BH08_T200_12.4	13 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH09	BH09_ACM_1.5	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH09	BH09_ACM_7.0	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH09	BH09_T200_9.5	14 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH09	BH09_T200_13.2	14 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH10	BH10_ACM_2.0	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH10	BH10_ACM_5.3	25 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH10	BH10_T200_9.0	14 Nov 2019	Normal		8.1	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH10	BH10_T200_11.0	14 Nov 2019	Normal		5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH10	BH10_T200_14.0	14 Nov 2019	Normal		2.3	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH11	BH11_ACM_1.0	26 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH11	BH11_T200_1.3	15 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH12	BH12_ACM_1.0	26 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH12	BH12_T200_7.3	15 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH12	BH12_T200_9.8	15 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH13	BH13_ACM_0.2	26 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH13	BH13_T200_1.5	19 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH13	BH13_T200_3.0	19 Nov 2019	Normal		0.6	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	1.3	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH13	BH13_T200_6.0	19 Nov 2019	Normal		2.4	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH13	BH13_T200_14.0	19 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH14	BH14_ACM_0.5	26 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH14	BH14_T200_2.5	20 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH14	BH14_T200_3.5	20 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH14	BH14_T200_9.0	20 Nov 2019	Normal		3.3	0.6	<0.5	1.2	1.2	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH14	BH14_T200_15.40	20 Nov 2019	Normal		2.8	0.6	<0.5	1.2	2.0	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH15	BH15_ACM_0.5	27 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH15	BH15_T200_2.0	21 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	0.6	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH15	BH15_T200_4.0	21 Nov 2019	Normal		12	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH15	BH15_T200_6.0	21 Nov 2019	Normal		5.7	0.6	<0.5	1.2	1.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH15	BH15_T200_16.50	21 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH16	BH16_ACM_2.0	27 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH16	BH16_ACM_4.5	27 Nov 2019	Normal		<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Polynuclear Aromatic Hydrocarbons						
					Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*29,000*															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	57	0.6	<0.5	1.2	30	<0.5	<0.5	1.5	8.2	-	19	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	20	0.6	<0.5	1.2	9.6	<0.5	<0.5	0.6	<0.5	-	6.7	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	5..9	0.6	<0.5	1.2	2.7	<0.5	<0.5	<0.5	<0.5	-	1.9	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	<0.5	0.6	<0.5	1.2	1.8	<0.5	<0.5	<0.5	<0.5	-	1.7	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	<0.5	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	-	0.6	<0.5	1.2	0.5	<0.5	<0.5	0.6	0.8	<0.5	2.6	0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	-	11	11	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	2	1.6	8.3
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	-	2.2	1.9	2.5	2.7	<0.5	<0.5	<0.5	<0.5	2.8	1.2	0.6	0.8	<0.5	1.1	1.6
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	-	1.5	1.3	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.8	2.4	0.8	0.6	1	1
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Polynuclear Aromatic Hydrocarbons						
					Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*29,000*															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	-	0.9	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.8	0.5	<0.5	<0.5	0.5
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	-	3.4	3.4	3.4	<0.5	<0.5	1.2	0.8	0.6	<0.5	2.4	3.7	2.1	1.1	1.5	2.2
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	-	1.6	1.3	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	0.8	0.7	0.9	1
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	-	11	11	11	2.4	<0.5	1.2	2.4	2.4	0.9	9.5	1.2	3.6	2.4	2.4	8.3
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	-	1	0.6	1.3	1	<0.5	<0.5	<0.5	<0.5	0.9	0.6	<0.5	<0.5	<0.5	<0.5	0.6
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Polynuclear Aromatic Hydrocarbons						
					Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*29,000*															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023d_TP231	TP231_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.3	13 Apr 2023	Normal	-	63	63	63	290	5.7	23	22	41	19	170	10	35	10	13	44
DU15	WSP2023d_TP231	TP231_2.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_4.6	13 Apr 2023	Normal	-	2.7	2.4	3	2.1	<0.5	<0.5	2.1	1.1	1.7	3.2	1.1	2.1	<0.5	<0.5	2.1
DU15	WSP2023d_TP232	TP232_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_6.0	14 Apr 2023	Normal	-	0.6	<0.5	1.2	3.7	<0.5	1.4	0.9	3.5	5.2	6.6	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_TP232	TP232_7.0	14 Apr 2023	Normal	-	0.6	<0.5	1.2	11	0.7	1.1	0.9	6.7	3.9	12	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_TP233	TP233_0.5	14 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_TP233	TP233_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	14 Apr 2023	Normal	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023d_TP233	TP233_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_0.1	18 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_PMW91	PMW91_2.0	18 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_PMW91	PMW91_6.0	18 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	0.6	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_PMW91	PMW91_8.0	18 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_PMW92	PMW92_0.5	18 Aug 2022	Normal	-	54	54	-	5.2	1.8	5.6	2.5	10	<0.5	34	10	56	5.4	21	34
DU15	WSP2023g_PMW92	PMW92_5.0	18 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	5.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_PMW92	PMW92_6.0	18 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP01	TP01_0.1	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP02	TP02_0.5	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP03	TP03_0.1	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.5	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP03	TP03_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_1.0	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.5	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP06	TP06_1.0	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Polynuclear Aromatic Hydrocarbons						
					Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**11,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	-	0.6	<0.5	-	0.5	<0.5	<0.5	0.6	0.8	<0.5	2.6	0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	-	11	11	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.6	2	1.6	8.3
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	-	2.2	1.9	-	2.7	<0.5	<0.5	<0.5	<0.5	2.8	1.2	0.6	0.8	<0.5	1.1	1.6
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	-	1.5	1.3	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.8	2.4	0.8	0.6	1	1
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Polynuclear Aromatic Hydrocarbons						
					Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*29,000*															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	-	0.9	0.6	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.8	0.5	<0.5	<0.5	0.5
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	-	3.4	3.4	-	<0.5	<0.5	1.2	0.8	0.6	<0.5	2.4	3.7	2.1	1.1	1.5	2.2
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	-	0.7	<0.5	-	<0.5	<0.5	<0.5	13	1.4	<0.5	2.7	1.1	<0.5	0.6	<0.5	<0.5
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	-	1.1	0.7	-	1.4	<0.5	<0.5	1.5	0.9	4.2	1.2	1.7	0.9	<0.5	<0.5	0.6
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	-	5.9	5.9	-	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	1.8	4.4
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	-	1.6	1.3	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	0.8	0.7	0.9	1
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	-	2.2	1.9	-	1.2	<0.5	1.5	2.2	5.3	<0.5	6.8	2.5	3.9	1.7	1.4	1.1
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	1	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	-	0.6	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	-	-	13	-	1.7	<0.5	1.9	<0.5	1.7	1.4	9.6	<0.5	2	<0.5	2.2	7.9
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	-	-	5.9	-	3.8	0.6	4.6	3	3.7	5.1	21	<0.5	1.5	<0.5	<0.5	5.6
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	-	-	<0.5	-	0.8	<0.5	<0.5	<0.5	<0.5	0.7	2	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	-	-	0.6	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	-	-	14	-	1.9	0.6	2.6	3.6	3.1	1.9	20	<0.5	4.3	1.7	2.5	6.3

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Polynuclear Aromatic Hydrocarbons						
					Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)									**11,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*29,000*														
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU15	**WSP2024g_TP06**	**TP06_2.5**	**28 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP07**	**TP07_0.1**	**28 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP07**	**TP07_1.0**	**28 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP08**	**TP08_0.1**	**27 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP08**	**TP08_1.0**	**27 May 2024**	**Normal**	-	-	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	1.1
DU15	**WSP2024g_TP09**	**TP09_0.1**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP09**	**TP09_0.4**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP10**	**TP10_0.1**	**29 May 2024**	**Normal**	-	-	15	-	3.5	1.1	4.2	4.3	10	2.4	21	8.2	6	4.1	2.7	11
DU15	**WSP2024g_TP10**	**TP10_2.0**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP11**	**TP11_0.5**	**29 May 2024**	**Normal**	-	-	55	-	22	1	3.9	1.6	18	19	45	10	28	9.2	7.7	39
DU15	**WSP2024g_TP11**	**TP11_2.0**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP12**	**TP12_0.1**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP12**	**TP12__2.0**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP13**	**TP13_0.5**	**28 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP13**	**TP13_1.5**	**28 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP14**	**TP14_0.1**	**28 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP14**	**TP14_1.5**	**28 May 2024**	**Normal**	-	-	1.9	-	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	2.3	<0.5	1.1	<0.5	0.9	1.6
DU15	**WSP2024g_TP15**	**TP15_0.1**	**31 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP15**	**TP15_0.5**	**31 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP16**	**TP16_0.6**	**30 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP16**	**TP16_2.0**	**30 May 2024**	**Normal**	-	-	<0.5	-	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP18**	**TP18_0.1**	**31 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP18**	**TP18_0.5**	**31 May 2024**	**Normal**	-	-	8.1	-	0.6	<0.5	0.8	<0.5	1.1	<0.5	2.8	<0.5	1.4	1.8	1.7	6.4
DU15	**WSP2024g_TP19**	**TP19_0.6**	**29 May 2024**	**Normal**	-	-	10	-	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	5.6	1.3	4.9	1.7	3.3	7.6
DU15	**WSP2024g_TP19**	**TP19_2.5**	**29 May 2024**	**Normal**	-	-	<0.5	-	5.2	0.6	1.2	3.1	6.5	5.3	8.4	<0.5	0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP20**	**TP20_0.1**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP20**	**TP20_2.5**	**28 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP21**	**TP21_0.1**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP21**	**TP21_1.5**	**29 May 2024**	**Normal**	-	-	0.6	-	1.2	<0.5	<0.5	<0.5	0.9	1.2	1.4	<0.5	<0.5	<0.5	<0.5	0.6
DU15	**WSP2024g_TP22**	**TP22_0.05**	**30 May 2024**	**Normal**	-	-	1	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1
DU15	**WSP2024g_TP22**	**TP22_1.0**	**30 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP22**	**TP22_1.0 Yellow**	**30 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP25**	**TP25_0.2**	**31 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP25**	**TP25_0.05**	**31 May 2024**	**Normal**	-	-	3.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.5
DU15	**WSP2024g_TP26**	**TP26_0.5**	**29 May 2024**	**Normal**	-	-	56	-	8.3	1.7	4.2	3.8	14	10	40	12	28	4.2	17	43
DU15	**WSP2024g_TP26**	**TP26_2.0**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP27**	**TP27_0.1**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP27**	**TP27_1.5**	**29 May 2024**	**Normal**	-	-	<0.5	-	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP28**	**TP28_1.0**	**31 May 2024**	**Normal**	-	-	1	-	1	<0.5	<0.5	0.9	1.8	<0.5	4.1	<0.5	0.6	<0.5	<0.5	0.9
DU15	**WSP2024g_TP28**	**TP28_1.95**	**31 May 2024**	**Normal**	-	-	6.1	-	3.9	2	3.2	2.3	3	<0.5	3.3	2.4	2.5	2.5	2.5	2.8
DU15	**WSP2024g_TP29**	**TP29_0.1**	**05 Jun 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP29**	**TP29_1.0**	**05 Jun 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP30**	**TP30_0.1**	**29 May 2024**	**Normal**	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP30**	**TP30_0.5**	**29 May 2024**	**Normal**	-	-	<0.5	-	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

												Polynuclear Aromatic Hydrocarbons							
						Naphthalene (BTEXN)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(a)pyrene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)										**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						*29,000*															
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**		-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**		-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**		-	-	11	-	19	2.3	11	2.2	19	15	46	3.6	7.3	2.3	1.6	6
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**		-	-	<0.5	-	5.3	<0.5	1.7	1.1	3.1	8.8	16	<0.5	2.3	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**		-	-	5.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	5.2	<0.5	<0.5	3.7
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**		-	-	28	-	2.1	<0.5	3	<0.5	3.6	3.4	14	<0.5	4.7	<0.5	<0.5	18

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										BTEX & MAH	NA	Polychlorinated Biphenyls						
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	S005_TP01	S005_TP01_0.1	12 Apr 2022	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-
DU15	S005_TP03	S005_TP03_1.0	12 Apr 2022	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-
DU15	S005_TP05	S005_TP05_0.1	12 Apr 2022	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-
DU15	S005_TP05	SQA03_20220412	12 Apr 2022	Field_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-
DU15	S006_TP03	S006_TP03_0.3	30 Mar 2022	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-
DU15	S006_TP05	S006_TP05_0.1	30 Mar 2022	Normal	-	<0.5	<0.5	0.7	<0.5	<0.5	1.5	-	-	<0.1	-	-	-	-	-	-
DU15	S006-TP01	S006-TP01_0.1	30 Mar 2022	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.1	-	-	-	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_0.5	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_3.5	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_1.0	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_5.0	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_8.0	13 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_12.4	13 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_1.5	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_7.0	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_9.5	14 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_13.2	14 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_2.0	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_5.3	25 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_9.0	14 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_11.0	14 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_14.0	14 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_ACM_1.0	26 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_T200_1.3	15 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_ACM_1.0	26 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_7.3	15 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_9.8	15 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_ACM_0.2	26 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_1.5	19 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_3.0	19 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_6.0	19 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_14.0	19 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_ACM_0.5	26 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_2.5	20 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_3.5	20 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_9.0	20 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_15.40	20 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_ACM_0.5	27 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_2.0	21 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_4.0	21 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_6.0	21 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_16.50	21 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_2.0	27 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_4.5	27 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										BTEX & MAH	NA	Polychlorinated Biphenyls						
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	-	<0.5	2.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	-	<0.5	0.9	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	-	0.6	2.5	<0.5	<0.5	<0.5	8.1	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	-	0.7	1.8	<0.5	<0.5	<0.5	3.6	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	-	8.8	0.9	23	1.9	1.2	50.3	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	-	5.1	2.6	1.2	<0.5	<0.5	16.9	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	-	1.2	2.1	0.6	<0.5	<0.5	12.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

									BTEX & MAH	NA	Polychlorinated Biphenyls							
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	-	<0.5	1.1	<0.5	<0.5	<0.5	3.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	-	1.7	3.8	1.1	0.6	1.1	23.9	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	-	0.5	1.4	0.7	<0.5	0.9	8.4	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	-	<0.5	0.7	<0.5	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	-	19	12	4.8	1.2	<0.5	73	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	-	<0.5	<0.5	0.7	<0.5	<0.5	2.9	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	-	0.6	<0.5	<0.5	<0.5	<0.5	0.6	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										BTEX & MAH	NA	Polychlorinated Biphenyls						
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023d_TP231	TP231_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.3	13 Apr 2023	Normal	-	100	66	41	11	5.7	890	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_4.6	13 Apr 2023	Normal	-	3.2	2.1	2.1	<0.5	<0.5	21	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_6.0	14 Apr 2023	Normal	-	0.9	0.6	<0.5	<0.5	<0.5	18	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_7.0	14 Apr 2023	Normal	-	1.1	1.3	<0.5	<0.5	<0.5	35	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_0.5	14 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	14 Apr 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_0.1	18 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_2.0	18 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_6.0	18 Aug 2022	Normal	1.2	<0.5	0.6	<0.5	<0.5	<0.5	3.9	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_8.0	18 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_0.5	18 Aug 2022	Normal	54	85	47	27	9.7	5.1	360	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_5.0	18 Aug 2022	Normal	1.2	0.7	<0.5	<0.5	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_6.0	18 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_0.1	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	TP02_0.5	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.1	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.5	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_1.0	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.5	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	TP06_1.0	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										BTEX & MAH	NA	Polychlorinated Biphenyls						
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	1.2	0.6	2.5	<0.5	<0.5	<0.5	8.1	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	1.2	0.7	1.8	<0.5	<0.5	<0.5	3.6	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	11	8.8	0.9	23	1.9	1.2	50.3	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	2.5	5.1	2.6	1.2	<0.5	<0.5	16.9	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	1.8	1.2	2.1	0.6	<0.5	<0.5	12.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	1.2	<0.5	0.6	<0.5	<0.5	<0.5	1.2	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										BTEX & MAH	NA	Polychlorinated Biphenyls						
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	1.2	<0.5	1.1	<0.5	<0.5	<0.5	3.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	3.4	1.7	3.8	1.1	0.6	1.1	23.9	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	1.2	0.7	1	<0.5	<0.5	<0.5	2.3	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	1.2	1	1.3	<0.5	<0.5	<0.5	21	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	1.4	3.2	2.2	0.9	<0.5	<0.5	15	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	5.9	2.4	1.4	2.8	0.9	1.7	18	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	1.8	0.5	1.4	0.7	<0.5	0.9	8.4	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	1.2	<0.5	0.7	<0.5	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	1.2	<0.5	0.5	<0.5	<0.5	<0.5	0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	1.2	<0.5	<0.5	0.5	<0.5	<0.5	0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	2.5	9.8	8.3	1	<0.5	<0.5	47	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	1.2	0.7	0.9	0.5	<0.5	<0.5	3.6	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	-	7.4	3.9	30	3.8	1	81	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	-	11	4.3	<0.5	<0.5	<0.5	63	0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	2.8	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	-	1.1	0.6	1.1	<0.5	<0.5	3.4	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	-	21	5.8	32	5.9	0.8	110	<0.3	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										BTEX & MAH	NA	Polychlorinated Biphenyls						
					Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2024g_TP06	TP06_2.5	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP07	TP07_0.1	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP07	TP07_1.0	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_0.1	27 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_1.0	27 May 2024	Normal	-	2.3	1.1	1.4	<0.5	<0.5	6.6	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP09	TP09_0.1	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	TP09_0.4	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP10	TP10_0.1	29 May 2024	Normal	-	30	27	14	2.5	1.9	150	0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	TP10_2.0	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP11	TP11_0.5	29 May 2024	Normal	-	110	44	25	9.6	3.1	380	<3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP11	TP11_2.0	29 May 2024	Normal	-	0.8	<0.5	<0.5	<0.5	<0.5	0.8	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12_0.1	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12__2.0	29 May 2024	Normal	-	<0.5	<0.5	0.5	<0.5	<0.5	0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP13	TP13_0.5	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP13	TP13_1.5	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_0.1	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_1.5	28 May 2024	Normal	-	5.6	2.3	<0.5	<0.5	<0.5	15	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP15	TP15_0.1	31 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	TP15_0.5	31 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP16	TP16_0.6	30 May 2024	Normal	-	0.6	<0.5	<0.5	<0.5	<0.5	0.6	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP16	TP16_2.0	30 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	TP18_0.1	31 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP18	TP18_0.5	31 May 2024	Normal	-	20	4.9	4.6	0.9	0.7	48	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_0.6	29 May 2024	Normal	-	19	7.1	6.4	1.4	0.5	60	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_2.5	29 May 2024	Normal	-	0.8	1.2	<0.5	<0.5	<0.5	28	0.4	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP20	TP20_0.1	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP20	TP20_2.5	28 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_0.1	29 May 2024	Normal	-	<0.5	0.6	<0.5	<0.5	<0.5	0.6	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_1.5	29 May 2024	Normal	-	2.4	1.2	<0.5	<0.5	<0.5	7.7	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP22	TP22_0.05	30 May 2024	Normal	-	<0.5	1	<0.5	<0.5	<0.5	2	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP22	TP22_1.0	30 May 2024	Normal	-	0.9	<0.5	<0.5	<0.5	<0.5	2.1	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	TP22_1.0 Yellow	30 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	TP25_0.2	31 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP25	TP25_0.05	31 May 2024	Normal	-	3.6	0.6	3.7	0.9	0.6	12	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_0.5	29 May 2024	Normal	-	70	48	30	7.2	3.3	330	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_2.0	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP27	TP27_0.1	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	TP27_1.5	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP28	TP28_1.0	31 May 2024	Normal	-	2.6	1.7	0.8	<0.5	<0.5	14	0.7	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	TP28_1.95	31 May 2024	Normal	-	3.3	2.7	3.2	2.2	2.4	44	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	WSP2024g_TP29	TP29_0.1	05 Jun 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	TP29_1.0	05 Jun 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP30	TP30_0.1	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
DU15	WSP2024g_TP30	TP30_0.5	29 May 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.7	<0.3	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										BTEX & MAH	NA	Polychlorinated Biphenyls						
								Benzo(a)pyrene TEQ (LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Xylenes (Sum of Total) - Calc	p,p-DDE	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.3	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**	-	10	12	18	3.2	0.8	160	<3	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**	-	5.1	3.8	<0.5	<0.5	<0.5	38	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**	-	9.8	4	3.6	0.8	<0.5	29	<0.3	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**	-	31	11	32	9.2	1.8	130	<0.3	<0.5	-	<1	<1	<1	<1	<1	<1

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	S005_TP01	S005_TP01_0.1	12 Apr 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	S005_TP03	S005_TP03_1.0	12 Apr 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	S005_TP05	S005_TP05_0.1	12 Apr 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	S005_TP05	SQA03_20220412	12 Apr 2022	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	S006_TP03	S006_TP03_0.3	30 Mar 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	S006_TP05	S006_TP05_0.1	30 Mar 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	S006-TP01	S006-TP01_0.1	30 Mar 2022	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05
DU15	WSP2020c_BH07	BH07_ACM_0.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_3.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_1.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_5.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_8.0	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_12.4	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_1.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_7.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_9.5	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_13.2	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_2.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_5.3	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_9.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_11.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_14.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_T200_1.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_7.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_9.8	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_ACM_0.2	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_1.5	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_3.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_6.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_14.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_ACM_0.5	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_2.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_3.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_9.0	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_15.40	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_ACM_0.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_2.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_4.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_16.50	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_2.0	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_4.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023d_TP231	TP231_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.3	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_4.6	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_6.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_7.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_0.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_0.1	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_2.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_8.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_0.5	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_5.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	<1	<0.5	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	<1	<0.5	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	<1	<0.5	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2024g_TP06	TP06_2.5	28 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP07	TP07_0.1	28 May 2024	Normal	<1	<0.5	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP07	TP07_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_1.0	27 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP09	TP09_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	TP09_0.4	29 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP10	TP10_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	TP10_2.0	29 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP11	TP11_0.5	29 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP11	TP11_2.0	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12__2.0	29 May 2024	Normal	<1	<0.5	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP13	TP13_0.5	28 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP13	TP13_1.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_0.1	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_1.5	28 May 2024	Normal	<1	<0.5	<0.5	<2	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<2	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP15	TP15_0.1	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	TP15_0.5	31 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP16	TP16_0.6	30 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP16	TP16_2.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	TP18_0.1	31 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP18	TP18_0.5	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_0.6	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_2.5	29 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP20	TP20_0.1	29 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP20	TP20_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_1.5	29 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP22	TP22_0.05	30 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP22	TP22_1.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	TP22_1.0 Yellow	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	TP25_0.2	31 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP25	TP25_0.05	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_2.0	29 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP27	TP27_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	TP27_1.5	29 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP28	TP28_1.0	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	TP28_1.95	31 May 2024	Normal	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	WSP2024g_TP29	TP29_0.1	05 Jun 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	TP29_1.0	05 Jun 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP30	TP30_0.1	29 May 2024	Normal	<0.1	<0.2	<0.2	<2	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<2	<0.2	<0.2	-	<0.2
DU15	WSP2024g_TP30	TP30_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Arochlor 1260	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.2	2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	2	0.2	0.2	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**	<1	<0.5	<0.5	<5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	S005_TP01	S005_TP01_0.1	12 Apr 2022	Normal	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2
DU15	S005_TP03	S005_TP03_1.0	12 Apr 2022	Normal	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2
DU15	S005_TP05	S005_TP05_0.1	12 Apr 2022	Normal	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2
DU15	S005_TP05	SQA03_20220412	12 Apr 2022	Field_D	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2
DU15	S006_TP03	S006_TP03_0.3	30 Mar 2022	Normal	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2
DU15	S006_TP05	S006_TP05_0.1	30 Mar 2022	Normal	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2
DU15	S006-TP01	S006-TP01_0.1	30 Mar 2022	Normal	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	<0.2	-	<0.2	<0.2
DU15	WSP2020c_BH07	BH07_ACM_0.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_3.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_1.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_5.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_8.0	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_12.4	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_1.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_7.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_9.5	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_13.2	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_2.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_5.3	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_9.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_11.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_14.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_T200_1.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_7.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_9.8	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_ACM_0.2	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_1.5	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_3.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_6.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_14.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_ACM_0.5	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_2.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_3.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_9.0	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_15.40	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_ACM_0.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_2.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_4.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_16.50	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_2.0	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_4.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023d_TP231	TP231_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.3	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_4.6	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_6.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_7.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_0.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_0.1	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_2.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_8.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_0.5	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_5.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)														
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																			
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																			
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**															
DU15	WSP2024g_TP06	TP06_2.5	28 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP07	TP07_0.1	28 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
DU15	WSP2024g_TP07	TP07_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_1.0	27 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP09	TP09_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	TP09_0.4	29 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP10	TP10_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	TP10_2.0	29 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP11	TP11_0.5	29 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP11	TP11_2.0	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12__2.0	29 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
DU15	WSP2024g_TP13	TP13_0.5	28 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP13	TP13_1.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_0.1	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_1.5	28 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
DU15	WSP2024g_TP15	TP15_0.1	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	TP15_0.5	31 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP16	TP16_0.6	30 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP16	TP16_2.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	TP18_0.1	31 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP18	TP18_0.5	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_0.6	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_2.5	29 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP20	TP20_0.1	29 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP20	TP20_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_1.5	29 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP22	TP22_0.05	30 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP22	TP22_1.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	TP22_1.0 Yellow	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	TP25_0.2	31 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP25	TP25_0.05	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_2.0	29 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP27	TP27_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	TP27_1.5	29 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP28	TP28_1.0	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	TP28_1.95	31 May 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	WSP2024g_TP29	TP29_0.1	05 Jun 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	TP29_1.0	05 Jun 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP30	TP30_0.1	29 May 2024	Normal	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2
DU15	WSP2024g_TP30	TP30_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)															
					Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.2	0.2	0.05	0.2	0.05	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	S005_TP01	S005_TP01_0.1	12 Apr 2022	Normal	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S005_TP03	S005_TP03_1.0	12 Apr 2022	Normal	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S005_TP05	S005_TP05_0.1	12 Apr 2022	Normal	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S005_TP05	SQA03_20220412	12 Apr 2022	Field_D	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S006_TP03	S006_TP03_0.3	30 Mar 2022	Normal	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S006_TP05	S006_TP05_0.1	30 Mar 2022	Normal	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S006-TP01	S006-TP01_0.1	30 Mar 2022	Normal	-	<0.05	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	WSP2020c_BH07	BH07_ACM_0.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_3.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_1.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_5.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_8.0	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_12.4	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_1.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_7.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_9.5	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_13.2	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_2.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_5.3	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_9.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_11.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_14.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_T200_1.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_7.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_9.8	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_ACM_0.2	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_1.5	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_3.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_6.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_14.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_ACM_0.5	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_2.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_3.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_9.0	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_15.40	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_ACM_0.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_2.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_4.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_16.50	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_2.0	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_4.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023d_TP231	TP231_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.3	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_4.6	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_6.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_7.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_0.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_0.1	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_2.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_8.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_0.5	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_5.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2024g_TP06	TP06_2.5	28 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP07	TP07_0.1	28 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP07	TP07_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_1.0	27 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP09	TP09_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	TP09_0.4	29 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP10	TP10_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	TP10_2.0	29 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP11	TP11_0.5	29 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP11	TP11_2.0	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12__2.0	29 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP13	TP13_0.5	28 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP13	TP13_1.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_0.1	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_1.5	28 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP15	TP15_0.1	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	TP15_0.5	31 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP16	TP16_0.6	30 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP16	TP16_2.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	TP18_0.1	31 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP18	TP18_0.5	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_0.6	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_2.5	29 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP20	TP20_0.1	29 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP20	TP20_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_1.5	29 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP22	TP22_0.05	30 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP22	TP22_1.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	TP22_1.0 Yellow	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	TP25_0.2	31 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP25	TP25_0.05	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_2.0	29 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP27	TP27_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	TP27_1.5	29 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP28	TP28_1.0	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	TP28_1.95	31 May 2024	Normal	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP29	TP29_0.1	05 Jun 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	TP29_1.0	05 Jun 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP30	TP30_0.1	29 May 2024	Normal	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP30	TP30_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)															
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	S005_TP01	S005_TP01_0.1	12 Apr 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S005_TP03	S005_TP03_1.0	12 Apr 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S005_TP05	S005_TP05_0.1	12 Apr 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S005_TP05	SQA03_20220412	12 Apr 2022	Field_D	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S006_TP03	S006_TP03_0.3	30 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S006_TP05	S006_TP05_0.1	30 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	S006-TP01	S006-TP01_0.1	30 Mar 2022	Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU15	WSP2020c_BH07	BH07_ACM_0.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_3.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_1.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_5.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_8.0	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_12.4	13 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_1.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_7.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_9.5	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_13.2	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_2.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_5.3	25 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_9.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_11.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_14.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_T200_1.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_7.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_9.8	15 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_ACM_0.2	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_1.5	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_3.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_6.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_14.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_ACM_0.5	26 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_2.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_3.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_9.0	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_15.40	20 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_ACM_0.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_2.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_4.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_16.50	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_2.0	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_4.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023d_TP231	TP231_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_1.3	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP231	TP231_4.6	13 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_6.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP232	TP232_7.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_0.5	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	14 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	19 Apr 2023	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_0.1	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_2.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_8.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_0.5	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_5.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	WSP2024g_TP06	TP06_2.5	28 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP07	TP07_0.1	28 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP07	TP07_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_1.0	27 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP09	TP09_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	TP09_0.4	29 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP10	TP10_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	TP10_2.0	29 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP11	TP11_0.5	29 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP11	TP11_2.0	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12__2.0	29 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP13	TP13_0.5	28 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP13	TP13_1.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_0.1	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_1.5	28 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP15	TP15_0.1	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	TP15_0.5	31 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP16	TP16_0.6	30 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP16	TP16_2.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	TP18_0.1	31 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP18	TP18_0.5	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_0.6	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_2.5	29 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP20	TP20_0.1	29 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP20	TP20_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_1.5	29 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP22	TP22_0.05	30 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP22	TP22_1.0	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	TP22_1.0 Yellow	30 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	TP25_0.2	31 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP25	TP25_0.05	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_2.0	29 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP27	TP27_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	TP27_1.5	29 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP28	TP28_1.0	31 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	TP28_1.95	31 May 2024	Normal	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	WSP2024g_TP29	TP29_0.1	05 Jun 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	TP29_1.0	05 Jun 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP30	TP30_0.1	29 May 2024	Normal	-	<0.1	<0.05	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-
DU15	WSP2024g_TP30	TP30_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)														
					trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																				
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**	-	<1	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

										Physio-Chemical Parameters	PCBs	OC Pesticides	
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU15	S005_TP01	S005_TP01_0.1	12 Apr 2022	Normal	<0.2	-	-	-	19.3	-	-	-
DU15	S005_TP03	S005_TP03_1.0	12 Apr 2022	Normal	<0.2	-	-	-	22.6	-	-	-
DU15	S005_TP05	S005_TP05_0.1	12 Apr 2022	Normal	<0.2	-	-	-	28.2	-	-	-
DU15	S005_TP05	SQA03_20220412	12 Apr 2022	Field_D	<0.2	-	-	-	18.8	-	-	-
DU15	S006_TP03	S006_TP03_0.3	30 Mar 2022	Normal	<0.2	-	-	-	9.8	-	-	-
DU15	S006_TP05	S006_TP05_0.1	30 Mar 2022	Normal	<0.2	-	-	-	21.5	-	-	-
DU15	S006-TP01	S006-TP01_0.1	30 Mar 2022	Normal	<0.2	-	-	-	17.3	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_0.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH07	BH07_ACM_3.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_1.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_ACM_5.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_8.0	13 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH08	BH08_T200_12.4	13 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_1.5	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_ACM_7.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_9.5	14 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH09	BH09_T200_13.2	14 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_2.0	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_ACM_5.3	25 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_9.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_11.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH10	BH10_T200_14.0	14 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH11	BH11_T200_1.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_ACM_1.0	26 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_7.3	15 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH12	BH12_T200_9.8	15 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_ACM_0.2	26 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_1.5	19 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_3.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_6.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH13	BH13_T200_14.0	19 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_ACM_0.5	26 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_2.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_3.5	20 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_9.0	20 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH14	BH14_T200_15.40	20 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_ACM_0.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_2.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_4.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH15	BH15_T200_16.50	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_2.0	27 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_ACM_4.5	27 Nov 2019	Normal	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

							Physio-Chemical Parameters	PCBs	OC Pesticides	
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU15	WSP2020c_BH16	BH16_T200_3.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_6.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_9.0	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH16	BH16_T200_12.30	21 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_ACM_1.3	27 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH17	BH17_T200_3.0	22 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH18	BH18_ACM_1.0	28 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH19	BH19_ACM_7.5	28 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2020c_BH20	BH20_ACM_0.3	29 Nov 2019	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	TP02_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Physio-Chemical Parameters	PCBs	OC Pesticides	
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU15	WSP2021f_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	PMW100_0.5	13 Apr 2023	Normal	-	-	-	-	14	-	-	-
DU15	WSP2023d_PMW100	PMW100_8.0	13 Apr 2023	Normal	-	-	-	-	16	-	-	-
DU15	WSP2023d_PMW101	PMW101_1.0	13 Apr 2023	Normal	-	-	-	-	14	-	-	-
DU15	WSP2023d_PMW101	PMW101_3.2	13 Apr 2023	Normal	-	-	-	-	20	-	-	-
DU15	WSP2023d_PMW102	PMW102_0.5	12 Apr 2023	Normal	-	-	-	-	16	-	-	-
DU15	WSP2023d_PMW102	PMW102_4.5	12 Apr 2023	Normal	-	-	-	-	7.2	-	-	-
DU15	WSP2023d_PMW103	PMW103_0.3	21 Apr 2023	Normal	-	-	-	-	12	-	-	-
DU15	WSP2023d_PMW103	PMW103_4.0	21 Apr 2023	Normal	-	-	-	-	4.8	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	14 Apr 2023	Normal	-	-	-	-	9.6	-	-	-
DU15	WSP2023d_PMW104	PMW104_1.0	19 Apr 2023	Normal	-	-	-	-	11	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	14 Apr 2023	Normal	-	-	-	-	27	-	-	-
DU15	WSP2023d_PMW104	PMW104_2.0	19 Apr 2023	Normal	-	-	-	-	11	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	14 Apr 2023	Normal	-	-	-	-	18	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.0	19 Apr 2023	Normal	-	-	-	-	15	-	-	-
DU15	WSP2023d_PMW104	PMW104_3.5	14 Apr 2023	Normal	-	-	-	-	11	-	-	-
DU15	WSP2023d_PMW105	PMW105_0.5	21 Apr 2023	Normal	-	-	-	-	6.2	-	-	-
DU15	WSP2023d_PMW105	PMW105_9.0	21 Apr 2023	Normal	-	-	-	-	19	-	-	-
DU15	WSP2023d_PMW106	PMW106_0.1	21 Apr 2023	Normal	-	-	-	-	14	-	-	-
DU15	WSP2023d_PMW106	PMW106_6.0	21 Apr 2023	Normal	-	-	-	-	20	-	-	-
DU15	WSP2023d_TP231	TP231_1.0	13 Apr 2023	Normal	-	-	-	-	7.8	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

									Physio-Chemical Parameters	PCBs	OC Pesticides	
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU15	WSP2023d_TP231	TP231_1.0	19 Apr 2023	Normal	-	-	-	-	9.8	-	-	-
DU15	WSP2023d_TP231	TP231_1.3	13 Apr 2023	Normal	-	-	-	-	12	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	13 Apr 2023	Normal	-	-	-	-	8.9	-	-	-
DU15	WSP2023d_TP231	TP231_2.0	19 Apr 2023	Normal	-	-	-	-	8	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	13 Apr 2023	Normal	-	-	-	-	9	-	-	-
DU15	WSP2023d_TP231	TP231_3.0	19 Apr 2023	Normal	-	-	-	-	6	-	-	-
DU15	WSP2023d_TP231	TP231_4.6	13 Apr 2023	Normal	-	-	-	-	5.1	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	14 Apr 2023	Normal	-	-	-	-	20	-	-	-
DU15	WSP2023d_TP232	TP232_1.0	19 Apr 2023	Normal	-	-	-	-	7.9	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	14 Apr 2023	Normal	-	-	-	-	19	-	-	-
DU15	WSP2023d_TP232	TP232_2.0	19 Apr 2023	Normal	-	-	-	-	10	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	14 Apr 2023	Normal	-	-	-	-	20	-	-	-
DU15	WSP2023d_TP232	TP232_3.0	19 Apr 2023	Normal	-	-	-	-	9.8	-	-	-
DU15	WSP2023d_TP232	TP232_6.0	14 Apr 2023	Normal	-	-	-	-	19	-	-	-
DU15	WSP2023d_TP232	TP232_7.0	14 Apr 2023	Normal	-	-	-	-	18	-	-	-
DU15	WSP2023d_TP233	TP233_0.5	14 Apr 2023	Normal	-	-	-	-	4.4	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	14 Apr 2023	Normal	-	-	-	-	19	-	-	-
DU15	WSP2023d_TP233	TP233_1.0	19 Apr 2023	Normal	-	-	-	-	5.5	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	14 Apr 2023	Normal	-	-	-	-	15	-	-	-
DU15	WSP2023d_TP233	TP233_2.0	19 Apr 2023	Normal	-	-	-	-	10	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	14 Apr 2023	Normal	-	-	-	-	17	-	-	-
DU15	WSP2023d_TP233	TP233_3.0	19 Apr 2023	Normal	-	-	-	-	12	-	-	-
DU15	WSP2023g_PMW91	PMW91_0.1	18 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_2.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW91	PMW91_8.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_0.5	18 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_5.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	PMW92_6.0	18 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	TP01_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	TP02_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	TP03_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	TP04_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	TP05_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	TP06_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

							Physio-Chemical Parameters	PCBs	OC Pesticides	
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU15	WSP2023g_TP07	TP07_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	TP07_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	TP08_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	TP09_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	TP11_0.5	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	TP12_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_0.6	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	TP13_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.1	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_0.7	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_2.0	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	TP14_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	TP15_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	TP16_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.5	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_1.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	TP17_SY_2.0	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	TP18_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	TP19_0.3	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	TP20_SY_0.15	16 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	TP21_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

							Physio-Chemical Parameters	PCBs	OC Pesticides	
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU15	WSP2023g_TP22	TP22_0.3	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	TP23_0.3	16 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	TP24_SY_2.3	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	TP25_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_0.5	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_2.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	TP26_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	TP27_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_0.1	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	TP28_1.0	17 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	TP29_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.1	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_0.5	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_1.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	TP30_2.0	18 Mar 2021	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_1.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_2.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	TP31_SY_3.0	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	TP33_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	TP34_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	TP38_SY_0.15	17 Aug 2022	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	TP01_0.7	28 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP01	TP01_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	TP02_1.5	27 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP03	TP03_0.1	27 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP03	TP03_2.0	27 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	TP04_0.8	27 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP05	TP05_0.5	28 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP05	TP05_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	TP06_0.5	28 May 2024	Normal	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

							Physio-Chemical Parameters	PCBs	OC Pesticides	
					Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
					mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**								
DU15	WSP2024g_TP06	TP06_2.5	28 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP07	TP07_0.1	28 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP07	TP07_1.0	28 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_0.1	27 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	TP08_1.0	27 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP09	TP09_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	TP09_0.4	29 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP10	TP10_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	TP10_2.0	29 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP11	TP11_0.5	29 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP11	TP11_2.0	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	TP12__2.0	29 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP13	TP13_0.5	28 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP13	TP13_1.5	28 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_0.1	28 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	TP14_1.5	28 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP15	TP15_0.1	31 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	TP15_0.5	31 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP16	TP16_0.6	30 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP16	TP16_2.0	30 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	TP18_0.1	31 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP18	TP18_0.5	31 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_0.6	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	TP19_2.5	29 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP20	TP20_0.1	29 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP20	TP20_2.5	28 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	TP21_1.5	29 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP22	TP22_0.05	30 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP22	TP22_1.0	30 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	TP22_1.0 Yellow	30 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	TP25_0.2	31 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP25	TP25_0.05	31 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	TP26_2.0	29 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP27	TP27_0.1	29 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	TP27_1.5	29 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP28	TP28_1.0	31 May 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	TP28_1.95	31 May 2024	Normal	<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	WSP2024g_TP29	TP29_0.1	05 Jun 2024	Normal	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	TP29_1.0	05 Jun 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP30	TP30_0.1	29 May 2024	Normal	<0.05	<0.5	<0.1	<0.1	-	<0.1	<0.05	<0.05
DU15	WSP2024g_TP30	TP30_0.5	29 May 2024	Normal	-	-	-	-	-	-	-	-

DU15 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Physio-Chemical Parameters	PCBs	OC Pesticides			
						Methoxychlor	Toxaphene	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Moisture Content	PCBs (Sum of Total) - Calc	Aldrin + Dieldrin - Calc	DDT + DDD + DDE - Calc
						mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg
EQL						0.05	0.5	0.1	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)													
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)													
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**									
DU15	**WSP2024g_TP31**	**TP31_0.5**	**05 Jun 2024**	**Normal**		<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	**WSP2024g_TP31**	**TP31_2.0**	**05 Jun 2024**	**Normal**		-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_1.0**	**31 May 2024**	**Normal**		-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34A**	**TP34A_2.5**	**31 May 2024**	**Normal**		<0.5	<10	<1	<1	-	<1	<0.5	<0.5
DU15	**WSP2024g_TP35**	**TP35_0.5**	**05 Jun 2024**	**Normal**		-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP35**	**TP35_1.0**	**05 Jun 2024**	**Normal**		<0.5	<10	<1	<1	-	<1	<0.5	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to ob

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil
CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)
CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorononane sulfonic acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.005	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]								50		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2020c_BH07	25 Nov 2019	BH07_ACM_3.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH08	25 Nov 2019	BH08_ACM_5.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH09	14 Nov 2019	BH09_T200_13.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH09	25 Nov 2019	BH09_ACM_7.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH10	25 Nov 2019	BH10_ACM_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH11	26 Nov 2019	BH11_ACM_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH12	26 Nov 2019	BH12_ACM_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_14.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_12.30	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH17	22 Nov 2019	BH17_T200_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH17	27 Nov 2019	BH17_ACM_1.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2020c_BH19	28 Nov 2019	BH19_ACM_7.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP01	18 Mar 2021	TP01_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP03	18 Mar 2021	TP03_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP06	18 Mar 2021	TP06_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP09	17 Mar 2021	TP09_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.03#18	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP10	16 Mar 2021	TP10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP13	16 Mar 2021	TP13_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP15	17 Mar 2021	TP15_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.018#18	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP17	18 Mar 2021	TP17_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP24	16 Mar 2021	TP24_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_5.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.027	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP01	18 Mar 2021	TP01_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP01	16 Aug 2022	TP01_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP03	18 Mar 2021	TP03_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP03	16 Aug 2022	TP03_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP05	16 Aug 2022	TP05_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP06	18 Mar 2021	TP06_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0066	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP09	17 Mar 2021	TP09_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.03#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP09	16 Aug 2022	TP09_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP10	16 Mar 2021	TP10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorononane sulfonic acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.005	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]								50		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2023g_TP12	16 Aug 2022	TP12_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	<0.005	-	<0.005	<0.005	0.0056	0.009	0.016#11	0.021	0.011	0.021
DU15	WSP2023g_TP13	16 Mar 2021	TP13_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP13	16 Aug 2022	TP13_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP14	16 Aug 2022	TP14_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0053	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP15	17 Mar 2021	TP15_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.018#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP16	16 Aug 2022	TP16_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	-	<0.005	<0.005	0.0056	<0.005	<0.005	0.0055	<0.005	<0.005
DU15	WSP2023g_TP17	18 Mar 2021	TP17_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0082	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.015	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0081	<0.005
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0089	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0066
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP24	16 Mar 2021	TP24_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	0.04	0.0061	<0.005
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0053	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	0.011	<0.005	<0.005
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.0	Normal	<0.005	<0.005	< 0.005#11	0.13#11	0.0086#11	0.78#11	<0.005	-	<0.005	<0.005	0.014	0.012	0.0080#11	0.052#11	0.0073	<0.005
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.3	Normal	<0.005	<0.005	< 0.005#11	0.14#11	0.011#11	1.2#11	<0.005	-	<0.005	<0.005	0.0056	0.011	0.0052	0.046#11	<0.005	<0.005
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP25	17 Aug 2022	TP25_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.019#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0068#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	< 0.005#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP29	17 Aug 2022	TP29_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0072#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0081#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.041	<0.005
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_2.0	Normal	<0.005	<0.005	<0.005	0.0067	<0.005	0.011#11	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP33	17 Aug 2022	TP33_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0061	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP34	17 Aug 2022	TP34_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2023g_TP38	17 Aug 2022	TP38_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP01	28 May 2024	TP01_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_2.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP02	27 May 2024	TP02_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	27 May 2024	TP02_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP04	27 May 2024	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_2.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorononane sulfonic acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.005	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]								50		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2024g_TP07	28 May 2024	TP07_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP07	28 May 2024	TP07_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	0.0088	0.0099	<0.005
DU15	WSP2024g_TP09	29 May 2024	TP09_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.4	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP10	29 May 2024	TP10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.022	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	0.013	0.012	<0.005
DU15	WSP2024g_TP10	29 May 2024	TP10_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12__2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	0.0055	<0.005
DU15	WSP2024g_TP13	28 May 2024	TP13_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP13	28 May 2024	TP13_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0068	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	0.0064	0.0081	<0.005
DU15	WSP2024g_TP18	31 May 2024	TP18_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP19	29 May 2024	TP19_0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_2.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP20	28 May 2024	TP20_2.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP20	29 May 2024	TP20_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP21	29 May 2024	TP21_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	29 May 2024	TP21_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP22	30 May 2024	TP22_0.05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0 Yellow	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP27	29 May 2024	TP27_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.95	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	WSP2024g_TP30	29 May 2024	TP30_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorononane sulfonic acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.005	0.005	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
PFAS NEMP 2025 HIL D Industrial/commercial								20[#1]		20[#1]								50		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34**	**31 May 2024**	**TP34_2.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances															
					Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.005
PFAS NEMP 2025 HIL D Industrial/commercial																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2020c_BH07	25 Nov 2019	BH07_ACM_3.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH08	25 Nov 2019	BH08_ACM_5.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH09	14 Nov 2019	BH09_T200_13.2	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH09	25 Nov 2019	BH09_ACM_7.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH10	25 Nov 2019	BH10_ACM_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH11	26 Nov 2019	BH11_ACM_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH12	26 Nov 2019	BH12_ACM_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_14.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_12.30	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH17	22 Nov 2019	BH17_T200_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH17	27 Nov 2019	BH17_ACM_1.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2020c_BH19	28 Nov 2019	BH19_ACM_7.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005
DU15	WSP2021f_TP01	18 Mar 2021	TP01_1.0	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_2.0	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.5	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_0.1	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.3	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_2.0	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP10	16 Mar 2021	TP10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.5	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_2.0	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_2.0	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_1.0	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.3	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.1	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP24	16 Mar 2021	TP24_0.3	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.5	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.3	Normal	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_5.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP01	16 Aug 2022	TP01_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP03	16 Aug 2022	TP03_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP05	16 Aug 2022	TP05_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	0.0078	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP09	16 Aug 2022	TP09_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP10	16 Mar 2021	TP10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances															
					Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.005
PFAS NEMP 2025 HIL D Industrial/commercial																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2023g_TP12	16 Aug 2022	TP12_SY_0.15	Normal	0.013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.02	<0.005	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP13	16 Aug 2022	TP13_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP14	16 Aug 2022	TP14_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP16	16 Aug 2022	TP16_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.5	Normal	0.0067	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.018	<0.005	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_2.0	Normal	0.017	<0.005	0.0067	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.15	0.0051	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	0.047	0.025	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.0	Normal	<0.005	<0.005	<0.005	0.005	0.72	0.0056	0.0051	<0.005	<0.005	<0.01	0.011	<0.005	0.023	0.0068	<0.005	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.3	Normal	<0.005	<0.005	<0.005	<0.005	0.91	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	0.014	0.0066	0.0091	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP25	17 Aug 2022	TP25_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_1.0	Normal	<0.005	0.037	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.3	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP29	17 Aug 2022	TP29_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_1.0	Normal	0.022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_3.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP33	17 Aug 2022	TP33_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP34	17 Aug 2022	TP34_SY_0.15	Normal	0.0078	<0.005	0.0087	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2023g_TP38	17 Aug 2022	TP38_SY_0.15	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP01	28 May 2024	TP01_0.7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_2.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP02	27 May 2024	TP02_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	27 May 2024	TP02_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_2.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances															
					Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.005
PFAS NEMP 2025 HIL D Industrial/commercial																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2024g_TP07	28 May 2024	TP07_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP07	28 May 2024	TP07_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.4	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP10	29 May 2024	TP10_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.01	<0.005	-
DU15	WSP2024g_TP10	29 May 2024	TP10_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12__2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP13	28 May 2024	TP13_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP13	28 May 2024	TP13_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_2.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP19	29 May 2024	TP19_0.6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_2.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP20	28 May 2024	TP20_2.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP20	29 May 2024	TP20_0.1	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP21	29 May 2024	TP21_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	29 May 2024	TP21_1.5	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP22	30 May 2024	TP22_0.05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0 Yellow	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.05	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_2.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP27	29 May 2024	TP27_1.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_0.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.0	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.95	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_1.0	Normal	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	WSP2024g_TP30	29 May 2024	TP30_0.1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances															
					Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFDS (Do not use)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0005	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.005
PFAS NEMP 2025 HIL D Industrial/commercial																				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_1.5**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU15	**WSP2024g_TP34**	**31 May 2024**	**TP34_2.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	-

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of PFAS (WA DER List)	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU15	WSP2020c_BH07	25 Nov 2019	BH07_ACM_3.5	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH08	25 Nov 2019	BH08_ACM_5.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH09	14 Nov 2019	BH09_T200_13.2	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH09	25 Nov 2019	BH09_ACM_7.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH10	25 Nov 2019	BH10_ACM_2.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH11	26 Nov 2019	BH11_ACM_1.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH12	26 Nov 2019	BH12_ACM_1.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_3.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH13	19 Nov 2019	BH13_T200_14.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_3.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH16	21 Nov 2019	BH16_T200_12.30	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH16	27 Nov 2019	BH16_ACM_2.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH17	22 Nov 2019	BH17_T200_3.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH17	27 Nov 2019	BH17_ACM_1.3	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2020c_BH19	28 Nov 2019	BH19_ACM_7.5	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP01	18 Mar 2021	TP01_1.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP03	18 Mar 2021	TP03_2.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.5	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP06	18 Mar 2021	TP06_0.1	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.3	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP09	17 Mar 2021	TP09_2.0	Normal	0.03	<0.05	0.03	-	0.03
DU15	WSP2021f_TP10	16 Mar 2021	TP10_0.1	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.5	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP13	16 Mar 2021	TP13_2.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP15	17 Mar 2021	TP15_2.0	Normal	0.018	<0.05	0.018	-	0.018
DU15	WSP2021f_TP17	18 Mar 2021	TP17_1.0	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.3	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.1	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP24	16 Mar 2021	TP24_0.3	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.5	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.3	Normal	<0.005	<0.05	<0.01	-	<0.005
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_5.0	Normal	0.027	<0.05	-	0.027	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_1.0	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP01	16 Aug 2022	TP01_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_2.0	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP03	16 Aug 2022	TP03_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.5	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP05	16 Aug 2022	TP05_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_0.1	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.3	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.5	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_1.0	Normal	0.0066	<0.05	-	<0.01	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_2.0	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_2.0	Normal	0.03	<0.05	-	-	-
DU15	WSP2023g_TP09	16 Aug 2022	TP09_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP10	16 Mar 2021	TP10_0.1	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.5	Normal	<0.005	<0.05	-	-	-

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of PFAS (WA DER List)	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU15	WSP2023g_TP12	16 Aug 2022	TP12_SY_0.15	Normal	0.021	0.1376	-	0.0926	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_2.0	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP13	16 Aug 2022	TP13_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP14	16 Aug 2022	TP14_SY_0.15	Normal	0.0053	<0.05	-	<0.01	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_2.0	Normal	0.018	<0.05	-	-	-
DU15	WSP2023g_TP16	16 Aug 2022	TP16_SY_0.15	Normal	0.005	<0.05	-	0.0161	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_1.0	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.5	Normal	0.0082	<0.05	-	0.0262	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_1.0	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_2.0	Normal	0.015	<0.05	-	0.015	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.3	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_0.15	Normal	0.0089	<0.05	-	<0.01	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.1	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_0.3	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_0.15	Normal	<0.005	0.2012	-	0.19	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_1.0	Normal	0.0053	0.0883	-	0.0633	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.0	Normal	0.91	1.7884	-	1.0258	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_2.3	Normal	1.34	2.3585	-	1.4284	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.5	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP25	17 Aug 2022	TP25_SY_0.15	Normal	0.019	<0.05	-	0.019	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_1.0	Normal	0.0068	<0.05	-	<0.01	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_2.0	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.3	Normal	<0.005	<0.05	-	-	-
DU15	WSP2023g_TP29	17 Aug 2022	TP29_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.15	Normal	0.0072	<0.05	-	<0.01	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_1.0	Normal	0.0081	0.0711	-	<0.01	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_2.0	Normal	0.0177	<0.05	-	0.0177	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_3.0	Normal	0.013	<0.05	-	0.013	-
DU15	WSP2023g_TP33	17 Aug 2022	TP33_SY_0.15	Normal	0.0061	<0.05	-	<0.01	-
DU15	WSP2023g_TP34	17 Aug 2022	TP34_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2023g_TP38	17 Aug 2022	TP38_SY_0.15	Normal	<0.005	<0.05	-	<0.01	-
DU15	WSP2024g_TP01	28 May 2024	TP01_0.7	Normal	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_1.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_2.5	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP02	27 May 2024	TP02_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP02	27 May 2024	TP02_1.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_2.0	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP04	27 May 2024	TP04_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.8	Normal	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_2.5	Normal	<0.005	-	-	<0.01	<0.005

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of PFAS (WA DER List)	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU15	WSP2024g_TP07	28 May 2024	TP07_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP07	28 May 2024	TP07_1.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_1.0	Normal	<0.005	-	-	<0.01	0.0088
DU15	WSP2024g_TP09	29 May 2024	TP09_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.4	Normal	0.006	-	-	<0.01	0.006
DU15	WSP2024g_TP10	29 May 2024	TP10_0.1	Normal	0.022	-	-	0.035	0.035
DU15	WSP2024g_TP10	29 May 2024	TP10_2.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_1.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_2.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12__2.0	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP13	28 May 2024	TP13_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP13	28 May 2024	TP13_1.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_1.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6	Normal	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_1.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_2.0	Normal	0.0068	-	-	0.0132	0.0132
DU15	WSP2024g_TP18	31 May 2024	TP18_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.5	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP19	29 May 2024	TP19_0.6	Normal	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_1.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_2.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP20	28 May 2024	TP20_2.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP20	29 May 2024	TP20_0.1	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP21	29 May 2024	TP21_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP21	29 May 2024	TP21_1.5	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP22	30 May 2024	TP22_0.05	Normal	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0 Yellow	Normal	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.2	Normal	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.05	Normal	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_2.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_1.0	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP27	29 May 2024	TP27_1.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_0.5	Normal	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.0	Normal	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.95	Normal	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_0.1	Normal	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_1.0	Normal	<0.005	-	-	<0.01	<0.005
DU15	WSP2024g_TP30	29 May 2024	TP30_0.1	Normal	-	-	-	-	-

DU15 - 1d: Soil Analytical Results – PFAS Screening

					Sum (PFHxS + PFOS)	Sum of PFAS	Sum of PFAS (WA DER List)	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0002	0.0002	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial					20				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU15	**WSP2024g_TP30**	**29 May 2024**	**TP30_0.5**	**Normal**	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_0.5**	**Normal**	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_1.5**	**Normal**	-	-	-	-	-
DU15	**WSP2024g_TP31**	**05 Jun 2024**	**TP31_2.0**	**Normal**	-	-	-	-	-
DU15	**WSP2024g_TP34**	**31 May 2024**	**TP34_2.5**	**Normal**	<0.005	-	-	<0.01	<0.005
DU15	**WSP2024g_TP35**	**05 Jun 2024**	**TP35_0.5**	**Normal**	<0.005	-	-	<0.01	<0.005

Comments

#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	S005_TP01	12 Apr 2022	S005_TP01_0.1	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	768	-	<0.0004	0[#3]	-	-	-	0.768
DU15	S005_TP01	12 Apr 2022	S005_TP01_1.0	Normal	-	1[#4]	-	<0.001	1[#8]	0[#5]	0[#3]	-	931	-	0.0057	0[#3]	-	-	-	0.931
DU15	S005_TP02	12 Apr 2022	S005_TP02_0.1	Normal	-	1[#4]	-	0.001	1[#8]	0[#5]	0[#3]	-	801	-	0.0085	0[#3]	-	-	-	0.801
DU15	S005_TP02	12 Apr 2022	S005_TP02_1.0	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	800	-	<0.0004	0[#3]	-	-	-	0.800
DU15	S005_TP03	12 Apr 2022	S005_TP03_0.1	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	700	-	<0.0004	0[#3]	-	-	-	0.700
DU15	S005_TP03	12 Apr 2022	S005_TP03_1.0	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	821	-	<0.0004	0[#3]	-	-	-	0.821
DU15	S005_TP04	12 Apr 2022	S005_TP04_0.1	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	839	-	<0.0004	0[#3]	-	-	-	0.839
DU15	S005_TP04	12 Apr 2022	S005_TP04_1.0	Normal	-	1[#4]	-	<0.001	1[#8]	0[#5]	0[#3]	-	870	-	0.0021	0[#3]	-	-	-	0.870
DU15	S005_TP05	12 Apr 2022	S005_TP05_0.1	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	814	-	<0.0004	0[#3]	-	-	-	0.814
DU15	S005_TP05	12 Apr 2022	S005_TP05_1.0	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	853	-	<0.0004	0[#3]	-	-	-	0.853
DU15	S005_TP06	12 Apr 2022	S005_TP06_0.1	Normal	-	1[#1]	-	<0.001	1[#8]	0[#3]	0[#3]	-	656	-	<0.0004	0[#3]	-	-	-	0.656
DU15	S005_TP06	12 Apr 2022	S005_TP06_1.0	Normal	-	1[#4]	-	0.002	1[#8]	0[#5]	0[#3]	-	684	-	0.0111	0[#3]	-	-	-	0.684
DU15	S005_TP06	12 Apr 2022	S005_TP06_1.0-AS002	Normal	-	1[#4]	-	-	1[#10]	1[#9]	0[#3]	-	354	-	-	1[#11]	-	-	-	-
DU15	S006_TP02	30 Mar 2022	S006_TP02_0.1	Normal	-	1[#4]	-	0.033	1[#2]	1[#9]	1[#9]	-	659	-	0.220	0[#3]	-	-	-	0.659
DU15	S006_TP02	30 Mar 2022	S006_TP02_0.3	Normal	-	1[#4]	-	0.016	1[#2]	1[#9]	1[#9]	-	657	-	0.108	0[#3]	-	-	-	0.657
DU15	S006_TP03	30 Mar 2022	S006_TP03_0.1	Normal	-	1[#4]	-	<0.001	1[#2]	0[#5]	0[#3]	-	663	-	<0.0004	0[#3]	-	-	-	0.663
DU15	S006_TP03	30 Mar 2022	S006_TP03_0.3	Normal	-	1[#1]	-	<0.001	1[#2]	0[#3]	0[#3]	-	623	-	<0.0004	0[#3]	-	-	-	0.623
DU15	S006_TP04	30 Mar 2022	S006_TP04_0.1	Normal	-	1[#4]	-	0.010	1[#2]	1[#9]	1[#9]	-	693	-	0.0732	0[#3]	-	-	-	0.693
DU15	S006_TP04	30 Mar 2022	S006_TP04_0.3	Normal	-	1[#4]	-	0.002	1[#2]	0[#5]	0[#3]	-	688	-	0.0140	0[#3]	-	-	-	0.688
DU15	S006_TP05	30 Mar 2022	S006_TP05_0.1	Normal	-	1[#4]	-	<0.001	1[#2]	0[#5]	0[#3]	-	566	-	0.0048	0[#3]	-	-	-	0.566
DU15	S006_TP05	30 Mar 2022	S006_TP05_0.3	Normal	-	1[#4]	-	0.001	1[#2]	0[#5]	0[#3]	-	628	-	0.0070	0[#3]	-	-	-	0.628
DU15	S006-TP01	30 Mar 2022	S006-TP01_0.1	Normal	-	1[#4]	-	0.016	1[#2]	1[#9]	1[#9]	-	595	-	0.0986	0[#3]	-	-	-	0.595
DU15	S006-TP01	30 Mar 2022	S006-TP01_0.3	Normal	-	1[#4]	-	0.069	1[#2]	1[#9]	1[#9]	-	636	-	0.438	0[#3]	-	-	-	0.636
DU15	WSP2021f_SY01	30 Nov 2018	SY01_0.2	Normal	-	A	<0.01	0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY01	30 Nov 2018	SY01_0.5	Normal	-	A	<0.01	0.002	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY02	30 Nov 2018	SY02_0.2	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY02	30 Nov 2018	SY02_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY03	30 Nov 2018	SY03_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY03	30 Nov 2018	SY03_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY04	30 Nov 2018	SY04_0.2	Normal	-	A	<0.01	0.003	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY04	30 Nov 2018	SY04_0.5	Normal	-	CH	0.09	0.016	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY05	30 Nov 2018	SY05_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY05	30 Nov 2018	SY05_0.5	Normal	-	A	<0.01	0.002	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY06	30 Nov 2018	SY06_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY06	30 Nov 2018	SY06_0.5	Normal	-	CH, A	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY07	30 Nov 2018	SY07_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY07	30 Nov 2018	SY07_0.5	Normal	-	CH, A	<0.01	0.025	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY08	30 Nov 2018	SY08_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY08	30 Nov 2018	SY08_0.5	Normal	-	A	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY09	30 Nov 2018	SY09_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY09	30 Nov 2018	SY09_0.5	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY10	30 Nov 2018	SY10_0.2	Normal	-	CH, A	<0.01	0.007	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY10	30 Nov 2018	SY10_0.5	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY11	30 Nov 2018	SY11_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY11	30 Nov 2018	SY11_0.5	Normal	-	CH	<0.01	0.034	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2021f_SY12	30 Nov 2018	SY12_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY12	30 Nov 2018	SY12_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY13	30 Nov 2018	SY13_0.2	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY13	30 Nov 2018	SY13_0.5	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_0.1	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_0.5	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.3	Normal	-	CH, A, C, SMF	<0.01	0.075	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_1.0	Normal	-	CH, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_2.0	Normal	-	CH, SMF	<0.01	0.0024	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_1.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_2.0	Normal	-	CH, A, SMF	<0.01	0.0015	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_FRAG_04	Normal	-	CH	0227272727272727	-	-	-	-	-	25	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_FRAG_05	Normal	-	CH	0290909090909095	-	-	-	-	-	32	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_1.0	Normal	-	CH	<0.01	0.22	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_FRAG_03	Normal	-	CH, A	0.03	-	-	-	-	-	33	-	-	-	-	-	-	-
DU15	WSP2021f_TP10	16 Mar 2021	TP10_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP10	16 Mar 2021	TP10_0.4	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.1	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_0.3	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_0.6	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.7	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_FRAG_02	Normal	-	CH	060909090909090	-	-	-	-	-	67	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.5	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_0.5	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_1.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2021f_TP22	17 Mar 2021	TP22_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	17 Mar 2021	TP22_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	17 Mar 2021	TP22_0.8	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_FRAG_01	Normal	-	CH	010909090909090	-	-	-	-	-	12	-	-	-	-	-	-	-
DU15	WSP2021f_TP24	16 Mar 2021	TP24_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP24	16 Mar 2021	TP24_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP24	16 Mar 2021	TP24_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_FRAG_06	Normal	-	CH, A, SMF	009090909090909	-	-	-	-	-	10	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	17 Mar 2021	TP27_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	17 Mar 2021	TP27_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	17 Mar 2021	TP27_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	13 Apr 2023	PMW100_0.5	Normal	-	1#3	0.08	0	-	-	-	1#4	385	1#1	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW101	13 Apr 2023	PMW101_1.0	Normal	-	1#6	0	0	-	-	-	1#4	501	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW102	12 Apr 2023	PMW102_0.5	Normal	-	1#6	0	0	-	-	-	1#4	877	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_0.3	Normal	-	1#7	0	0	-	-	-	1#4	514	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_4.0	Normal	-	1#7	0	0	-	-	-	1#4	682	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_3.0	Normal	-	1#6	0	0	-	-	-	1#4	445	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_0.5	Normal	-	1#7	0	0	-	-	-	1#4	606	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_9.0	Normal	-	1#7	0	0	-	-	-	1#4	736	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_0.1	Normal	-	1#7	0	0	-	-	-	1#4	441	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_6.0	Normal	-	1#7	0	0	-	-	-	1#4	756	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_TP231	13 Apr 2023	TP231_1.3	Normal	-	1#7	0	0	-	-	-	1#4	125	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_TP232	14 Apr 2023	TP232_6.0	Normal	-	1#8	0	0	-	-	-	1#4	444	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023d_TP233	14 Apr 2023	TP233_0.5	Normal	-	1#9	0	0	-	-	-	1#4	162	1#2	-	-	1#2	1#2	1#5	-
DU15	WSP2023g_PMW91	18 Aug 2022	PMW91_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2023g_SY01	30 Nov 2018	SY01	Normal	-	A	<0.01	0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY01	30 Nov 2018	SY01	Normal	-	A	<0.01	0.002	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY02	30 Nov 2018	SY02	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY02	30 Nov 2018	SY02	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY03	30 Nov 2018	SY03	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY03	30 Nov 2018	SY03	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY04	30 Nov 2018	SY04	Normal	-	A	<0.01	0.003	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY04	30 Nov 2018	SY04	Normal	-	CH	0.09	0.016	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY05	30 Nov 2018	SY05	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY05	30 Nov 2018	SY05	Normal	-	A	<0.01	0.002	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY06	30 Nov 2018	SY06	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY06	30 Nov 2018	SY06	Normal	-	CH, A	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY07	30 Nov 2018	SY07	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY07	30 Nov 2018	SY07	Normal	-	CH, A	<0.01	0.025	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY08	30 Nov 2018	SY08	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY08	30 Nov 2018	SY08	Normal	-	A	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY09	30 Nov 2018	SY09	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY09	30 Nov 2018	SY09	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY10	30 Nov 2018	SY10	Normal	-	CH, A	<0.01	0.007	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY10	30 Nov 2018	SY10	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY11	30 Nov 2018	SY11	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY11	30 Nov 2018	SY11	Normal	-	CH	<0.01	0.034	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY12	30 Nov 2018	SY12	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY12	30 Nov 2018	SY12	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY13	30 Nov 2018	SY13	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY13	30 Nov 2018	SY13	Normal	-	CH	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	16 Aug 2022	TP01_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	16 Aug 2022	TP02_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	16 Aug 2022	TP03_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	16 Aug 2022	TP04_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_0.1	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2023g_TP05	18 Mar 2021	TP05_0.5	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	16 Aug 2022	TP05_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	16 Aug 2022	TP06_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.3	Normal	-	CH, A, C, SMF	<0.01	0.075	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_1.0	Normal	-	CH, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_2.0	Normal	-	CH, SMF	<0.01	0.0024	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_1.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_2.0	Normal	-	CH, A, SMF	<0.01	0.0015	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_FRAG_04	Normal	-	CH	0.023	-	-	-	-	-	25	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_FRAG_05	Normal	-	CH	0.029	-	-	-	-	-	32	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	16 Aug 2022	TP08_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_1.0	Normal	-	CH	<0.01	0.22	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_FRAG_03	Normal	-	CH, A	0.03	-	-	-	-	-	33	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	16 Aug 2022	TP09_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP10	16 Mar 2021	TP10_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP10	16 Mar 2021	TP10_0.4	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP10	16 Aug 2022	TP10_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.1	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Aug 2022	TP11_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	16 Aug 2022	TP12_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.3	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.6	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Aug 2022	TP13_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.7	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_FRAG_02	Normal	-	CH	0.061	-	-	-	-	-	67	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Aug 2022	TP14_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.5	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	16 Aug 2022	TP15_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.5	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_1.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	16 Aug 2022	TP16_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	16 Aug 2022	TP18_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	16 Aug 2022	TP19_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_Frag vicinity	Normal	-	CH	0.066	<0.001	-	-	-	-	34	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Aug 2022	TP21_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Mar 2021	TP22_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Mar 2021	TP22_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Mar 2021	TP22_0.8	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Aug 2022	TP22_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2023g_TP23	16 Mar 2021	TP23_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	16 Mar 2021	TP23_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	16 Mar 2021	TP23_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	16 Mar 2021	TP23_FRAG_01	Normal	-	CH	0.011	-	-	-	-	-	12	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	17 Aug 2022	TP23_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Aug 2022	TP25_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_FRAG_06	Normal	-	CH, A, SMF	0.009	-	-	-	-	-	10	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_3.0_frag	Normal	-	CH	0.335	<0.001	-	-	-	-	172	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Mar 2021	TP27_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Mar 2021	TP27_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Mar 2021	TP27_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Aug 2022	TP27_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.3	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_2.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Aug 2022	TP28_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	17 Aug 2022	TP29_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.1	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_1.0	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_2.0	Normal	-	ND, SMF	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	17 Aug 2022	TP30_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.5	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP32	17 Aug 2022	TP32_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	17 Aug 2022	TP33_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	17 Aug 2022	TP34_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP35	17 Aug 2022	TP35_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP36	17 Aug 2022	TP36_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP37	17 Aug 2022	TP37_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	17 Aug 2022	TP38_SY_0.15	Normal	-	CH, SMF	<0.01	0.013	-	-	-	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos															
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2023g_TP39	17 Aug 2022	TP39_SY_0.15	Normal	-	ND	<0.01	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_1.0	Normal	-	-	0.0472	0.0872	-	-	-	-	836	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_1.0 Fragment	Normal	Y	-	0	0	-	-	-	-	27	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_2.0 Fragment	Normal	Y	-	0	0	-	-	-	-	154	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_2.2 Fragment	Normal	Y	-	0	0	-	-	-	-	38	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	27 May 2024	TP02_0.1	Normal	-	-	0	0	-	-	-	-	756	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	27 May 2024	TP02_1.5	Normal	-	-	0	0.0045	-	-	-	-	587	-	-	-	-	-	-	-
DU15	WSP2024g_TP02	28 May 2024	TP02_1.5_ FRAGMENT	Normal	Y	-	0	0	-	-	-	-	33	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_0.1	Normal	-	-	0	0	-	-	-	-	678	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_1.8 Fragment	Normal	Y	-	0	0	-	-	-	-	122	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	27 May 2024	TP03_2.0	Normal	Y	-	0.0022	0.0124	-	-	-	-	871	-	-	-	-	-	-	-
DU15	WSP2024g_TP03	28 May 2024	TP03_0.1 FRAGMENT	Normal	Y	-	0	0	-	-	-	-	9	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.1	Normal	-	-	0	0.0033	-	-	-	-	977	-	-	-	-	-	-	-
DU15	WSP2024g_TP04	27 May 2024	TP04_0.8	Normal	-	-	0	0	-	-	-	-	942	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.1	Normal	-	-	0	0	-	-	-	-	778	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_0.5 Fragment	Normal	Y	-	0	0	-	-	-	-	27	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0	Normal	-	-	0	0.0258	-	-	-	-	735	-	-	-	-	-	-	-
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0 Fragment	Normal	Y	-	0	0	-	-	-	-	50	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_0.1	Normal	-	-	0	0	-	-	-	-	634	-	-	-	-	-	-	-
DU15	WSP2024g_TP06	28 May 2024	TP06_2.5	Normal	-	-	0	0	-	-	-	-	739	-	-	-	-	-	-	-
DU15	WSP2024g_TP07	28 May 2024	TP07_0.1	Normal	-	-	0	0	-	-	-	-	627	-	-	-	-	-	-	-
DU15	WSP2024g_TP07	28 May 2024	TP07_1.0	Normal	-	-	0	0	-	-	-	-	804	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_0.1	Normal	-	-	0	0	-	-	-	-	685	-	-	-	-	-	-	-
DU15	WSP2024g_TP08	27 May 2024	TP08_1.0	Normal	-	-	0	0	-	-	-	-	681	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.1	Normal	-	-	0	0	-	-	-	-	692	-	-	-	-	-	-	-
DU15	WSP2024g_TP09	29 May 2024	TP09_0.4	Normal	-	-	0	0	-	-	-	-	880	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	29 May 2024	TP10_0.1	Normal	-	-	0	0	-	-	-	-	510	-	-	-	-	-	-	-
DU15	WSP2024g_TP10	29 May 2024	TP10_2.0	Normal	-	-	0	0	-	-	-	-	722	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_0.5	Normal	-	-	0	0.0032	-	-	-	-	623	-	-	-	-	-	-	-
DU15	WSP2024g_TP11	29 May 2024	TP11_1.5	Normal	-	-	0	0	-	-	-	-	732	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12_0.5	Normal	-	-	0	0	-	-	-	-	780	-	-	-	-	-	-	-
DU15	WSP2024g_TP12	29 May 2024	TP12__2.0	Normal	-	-	0	0	-	-	-	-	780	-	-	-	-	-	-	-
DU15	WSP2024g_TP13	28 May 2024	TP13_0.5	Normal	-	-	0	0	-	-	-	-	710	-	-	-	-	-	-	-
DU15	WSP2024g_TP13	28 May 2024	TP13_1.5	Normal	-	-	0	0.0001	-	-	-	-	849	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_0.1	Normal	-	-	0	0	-	-	-	-	771	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_1.5	Normal	-	-	0	0.0766	-	-	-	-	696	-	-	-	-	-	-	-
DU15	WSP2024g_TP14	28 May 2024	TP14_1.7 Fragment	Normal	Y	-	0	0	-	-	-	-	34	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.1	Normal	-	-	0	0	-	-	-	-	634	-	-	-	-	-	-	-
DU15	WSP2024g_TP15	31 May 2024	TP15_0.5	Normal	-	-	0	0	-	-	-	-	771	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6	Normal	-	-	0	0.0045	-	-	-	-	731	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6 Fragment	Normal	Y	-	0	0	-	-	-	-	29	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_1.5	Normal	-	-	0	0.0003	-	-	-	-	662	-	-	-	-	-	-	-
DU15	WSP2024g_TP16	30 May 2024	TP16_1.5 Fragment	Normal	Y	-	0	0	-	-	-	-	38	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.1	Normal	-	-	0	0	-	-	-	-	667	-	-	-	-	-	-	-
DU15	WSP2024g_TP18	31 May 2024	TP18_0.5	Normal	-	-	0	0	-	-	-	-	765	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	28 May 2024	TP19_2.5 FRAGMENT	Normal	Y	-	0	0	-	-	-	-	61	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_0.6	Normal	-	-	0	0.0001	-	-	-	-	807	-	-	-	-	-	-	-
DU15	WSP2024g_TP19	29 May 2024	TP19_1.5	Normal	-	-	0	0.0708	-	-	-	-	805	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos														
					Asbestos Detected	Asbestos Type	Asbestos (ACM >7mm) Estimation	Friable Asbestos (FA & AF)	APPROVED IDENTIFIER:	Asbestos fibres	Organic Fibre	Organic Fibres - Comment	Approximate Sample Mass	ACM - Comment	Asbestos (Fines and Fibrous <7mm)	Asbestos (Trace)	FA- Comment	AF - Comment	Respirable Fibres - Comment	Weight Used for % Calculation
					Y/N	Coment	%w/w	% (w/w)	-	g/kg	g/kg	Comment	g	Comment	g	Fibres	Comment	Comment	Comment	kg
EQL							0.01	0.001		0.1	0.1				0.0004	5				0.0001
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							0.05	0.001[#12]		0.01										
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU15	WSP2024g_TP19	29 May 2024	TP19_1.5 Fragment	Normal	Y	-	0	0	-	-	-	-	26	-	-	-	-	-	-	-
DU15	WSP2024g_TP20	28 May 2024	TP20_2.5	Normal	-	-	0	0	-	-	-	-	663	-	-	-	-	-	-	-
DU15	WSP2024g_TP20	29 May 2024	TP20_0.1	Normal	-	-	0	0	-	-	-	-	752	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	29 May 2024	TP21_0.1	Normal	-	-	0	0	-	-	-	-	691	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	29 May 2024	TP21_0.12 Fragment	Normal	N	-	0	0	-	-	-	-	47	-	-	-	-	-	-	-
DU15	WSP2024g_TP21	29 May 2024	TP21_1.5	Normal	-	-	0	0	-	-	-	-	834	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_0.05	Normal	-	-	0	0	-	-	-	-	637	-	-	-	-	-	-	-
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0	Normal	-	-	0	0.0084	-	-	-	-	712	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.2	Normal	-	-	0	0	-	-	-	-	593	-	-	-	-	-	-	-
DU15	WSP2024g_TP25	31 May 2024	TP25_0.05	Normal	-	-	0	0	-	-	-	-	641	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_0.5	Normal	-	-	0	0	-	-	-	-	641	-	-	-	-	-	-	-
DU15	WSP2024g_TP26	29 May 2024	TP26_1.0 Fragment	Normal	Y	-	0	0	-	-	-	-	21	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_0.1	Normal	-	-	0	0	-	-	-	-	706	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_1.0	Normal	-	-	0	0.0039	-	-	-	-	931	-	-	-	-	-	-	-
DU15	WSP2024g_TP27	29 May 2024	TP27_1.0 Fragment	Normal	Y	-	0	0	-	-	-	-	25	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_0.5	Normal	-	-	0	0.0263	-	-	-	-	432	-	-	-	-	-	-	-
DU15	WSP2024g_TP28	31 May 2024	TP28_1.95	Normal	-	-	0	0.0111	-	-	-	-	791	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_0.5	Normal	-	-	0	0	-	-	-	-	751	-	-	-	-	-	-	-
DU15	WSP2024g_TP29	05 Jun 2024	TP29_1.0	Normal	-	-	0	0	-	-	-	-	808	-	-	-	-	-	-	-
DU15	WSP2024g_TP30	28 May 2024	TP30_0.5 FRAGMENT	Normal	Y	-	0	0	-	-	-	-	33	-	-	-	-	-	-	-
DU15	WSP2024g_TP30	29 May 2024	TP30_0.1	Normal	-	-	0	0	-	-	-	-	628	-	-	-	-	-	-	-
DU15	WSP2024g_TP30	29 May 2024	TP30_0.5	Normal	-	-	0	0	-	-	-	-	773	-	-	-	-	-	-	-
DU15	WSP2024g_TP31	05 Jun 2024	TP31_0.5	Normal	-	-	0	0	-	-	-	-	893	-	-	-	-	-	-	-
DU15	WSP2024g_TP31	05 Jun 2024	TP31_1.5	Normal	-	-	0	0	-	-	-	-	925	-	-	-	-	-	-	-
DU15	WSP2024g_TP34	31 May 2024	TP34_0.5	Normal	-	-	0	0.0177	-	-	-	-	740	-	-	-	-	-	-	-
DU15	WSP2024g_TP34	31 May 2024	TP34_2.5	Normal	-	-	0	0	-	-	-	-	913	-	-	-	-	-	-	-
DU15	WSP2024g_TP35	05 Jun 2024	TP35_0.5	Normal	-	-	0	0.001	-	-	-	-	648	-	-	-	-	-	-	-
DU15	WSP2024g_TP35	05 Jun 2024	TP35_1.5	Normal	-	-	0	0	-	-	-	-	912	-	-	-	-	-	-	-

Comments

#1 -
#2 J.SPOONER
#3 No
#4 Ch
#5 No*
#6 B.SCHRADER
#7 Ch + Am
#8 J. SPOONER
#9 Yes
#10 A. SMYLIE
#11 N/A
#12 Adopted the guideline value for FA and AF (separately)

Environmental Standards

NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	S005_TP01	12 Apr 2022	S005_TP01_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP01	12 Apr 2022	S005_TP01_1.0	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP02	12 Apr 2022	S005_TP02_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP02	12 Apr 2022	S005_TP02_1.0	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	S005_TP03	12 Apr 2022	S005_TP03_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP03	12 Apr 2022	S005_TP03_1.0	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP04	12 Apr 2022	S005_TP04_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP04	12 Apr 2022	S005_TP04_1.0	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP05	12 Apr 2022	S005_TP05_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP05	12 Apr 2022	S005_TP05_1.0	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S005_TP06	12 Apr 2022	S005_TP06_0.1	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	S005_TP06	12 Apr 2022	S005_TP06_1.0	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	S005_TP06	12 Apr 2022	S005_TP06_1.0-AS002	Normal	-	0[#3]	-	-	-	-	-	-	-
DU15	S006_TP02	30 Mar 2022	S006_TP02_0.1	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	S006_TP02	30 Mar 2022	S006_TP02_0.3	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	S006_TP03	30 Mar 2022	S006_TP03_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S006_TP03	30 Mar 2022	S006_TP03_0.3	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S006_TP04	30 Mar 2022	S006_TP04_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S006_TP04	30 Mar 2022	S006_TP04_0.3	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	S006_TP05	30 Mar 2022	S006_TP05_0.1	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S006_TP05	30 Mar 2022	S006_TP05_0.3	Normal	-	0[#3]	<0.0004	-	-	-	-	-	-
DU15	S006-TP01	30 Mar 2022	S006-TP01_0.1	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	S006-TP01	30 Mar 2022	S006-TP01_0.3	Normal	-	1[#9]	<0.0004	-	-	-	-	-	-
DU15	WSP2021f_SY01	30 Nov 2018	SY01_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY01	30 Nov 2018	SY01_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY02	30 Nov 2018	SY02_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY02	30 Nov 2018	SY02_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY03	30 Nov 2018	SY03_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY03	30 Nov 2018	SY03_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY04	30 Nov 2018	SY04_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY04	30 Nov 2018	SY04_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY05	30 Nov 2018	SY05_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY05	30 Nov 2018	SY05_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY06	30 Nov 2018	SY06_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY06	30 Nov 2018	SY06_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY07	30 Nov 2018	SY07_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY07	30 Nov 2018	SY07_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY08	30 Nov 2018	SY08_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY08	30 Nov 2018	SY08_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY09	30 Nov 2018	SY09_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY09	30 Nov 2018	SY09_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY10	30 Nov 2018	SY10_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY10	30 Nov 2018	SY10_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY11	30 Nov 2018	SY11_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY11	30 Nov 2018	SY11_0.5	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2021f_SY12	30 Nov 2018	SY12_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY12	30 Nov 2018	SY12_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY13	30 Nov 2018	SY13_0.2	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_SY13	30 Nov 2018	SY13_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP01	18 Mar 2021	TP01_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP02	18 Mar 2021	TP02_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP03	18 Mar 2021	TP03_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP04	18 Mar 2021	TP04_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP05	18 Mar 2021	TP05_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP06	18 Mar 2021	TP06_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP07	17 Mar 2021	TP07_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_FRAG_04	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP08	17 Mar 2021	TP08_FRAG_05	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP09	17 Mar 2021	TP09_FRAG_03	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP10	16 Mar 2021	TP10_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP10	16 Mar 2021	TP10_0.4	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.1	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP11	16 Mar 2021	TP11_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP12	17 Mar 2021	TP12_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_0.6	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP13	16 Mar 2021	TP13_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_0.7	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP14	16 Mar 2021	TP14_FRAG_02	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP15	17 Mar 2021	TP15_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP16	17 Mar 2021	TP16_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP17	18 Mar 2021	TP17_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP18	18 Mar 2021	TP18_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP19	18 Mar 2021	TP19_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP20	18 Mar 2021	TP20_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP21	17 Mar 2021	TP21_2.0	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2021f_TP22	17 Mar 2021	TP22_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	17 Mar 2021	TP22_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP22	17 Mar 2021	TP22_0.8	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP23	16 Mar 2021	TP23_FRAG_01	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP24	16 Mar 2021	TP24_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP24	16 Mar 2021	TP24_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP24	16 Mar 2021	TP24_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP25	17 Mar 2021	TP25_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP26	17 Mar 2021	TP26_FRAG_06	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	17 Mar 2021	TP27_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	17 Mar 2021	TP27_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP27	17 Mar 2021	TP27_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP28	17 Mar 2021	TP28_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP29	18 Mar 2021	TP29_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2021f_TP30	18 Mar 2021	TP30_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023d_PMW100	13 Apr 2023	PMW100_0.5	Normal	1#2	-	3.1188	0	0	0	0.31188	0	0
DU15	WSP2023d_PMW101	13 Apr 2023	PMW101_1.0	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW102	12 Apr 2023	PMW102_0.5	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_0.3	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW103	21 Apr 2023	PMW103_4.0	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW104	14 Apr 2023	PMW104_3.0	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_0.5	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW105	21 Apr 2023	PMW105_9.0	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_0.1	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_PMW106	21 Apr 2023	PMW106_6.0	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_TP231	13 Apr 2023	TP231_1.3	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_TP232	14 Apr 2023	TP232_6.0	Normal	1#2	-	0	0	0	0	0	0	0
DU15	WSP2023d_TP233	14 Apr 2023	TP233_0.5	Normal	1#10	-	0	0	0	0	0	0	0
DU15	WSP2023g_PMW91	18 Aug 2022	PMW91_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_PMW92	18 Aug 2022	PMW92_0.5	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2023g_SY01	30 Nov 2018	SY01	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY01	30 Nov 2018	SY01	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY02	30 Nov 2018	SY02	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY02	30 Nov 2018	SY02	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY03	30 Nov 2018	SY03	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY03	30 Nov 2018	SY03	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY04	30 Nov 2018	SY04	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY04	30 Nov 2018	SY04	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY05	30 Nov 2018	SY05	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY05	30 Nov 2018	SY05	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY06	30 Nov 2018	SY06	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY06	30 Nov 2018	SY06	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY07	30 Nov 2018	SY07	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY07	30 Nov 2018	SY07	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY08	30 Nov 2018	SY08	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY08	30 Nov 2018	SY08	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY09	30 Nov 2018	SY09	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY09	30 Nov 2018	SY09	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY10	30 Nov 2018	SY10	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY10	30 Nov 2018	SY10	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY11	30 Nov 2018	SY11	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY11	30 Nov 2018	SY11	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY12	30 Nov 2018	SY12	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY12	30 Nov 2018	SY12	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY13	30 Nov 2018	SY13	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_SY13	30 Nov 2018	SY13	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	18 Mar 2021	TP01_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP01	16 Aug 2022	TP01_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	18 Mar 2021	TP02_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP02	16 Aug 2022	TP02_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	18 Mar 2021	TP03_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP03	16 Aug 2022	TP03_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	18 Mar 2021	TP04_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP04	16 Aug 2022	TP04_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_0.1	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2023g_TP05	18 Mar 2021	TP05_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	18 Mar 2021	TP05_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP05	16 Aug 2022	TP05_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	18 Mar 2021	TP06_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP06	16 Aug 2022	TP06_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	17 Mar 2021	TP07_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP07	16 Aug 2022	TP07_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_FRAG_04	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	17 Mar 2021	TP08_FRAG_05	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP08	16 Aug 2022	TP08_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	17 Mar 2021	TP09_FRAG_03	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP09	16 Aug 2022	TP09_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP10	16 Mar 2021	TP10_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP10	16 Mar 2021	TP10_0.4	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP10	16 Aug 2022	TP10_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Mar 2021	TP11_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP11	16 Aug 2022	TP11_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	17 Mar 2021	TP12_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP12	16 Aug 2022	TP12_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_0.6	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Mar 2021	TP13_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP13	16 Aug 2022	TP13_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.1	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_0.7	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Mar 2021	TP14_FRAG_02	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP14	16 Aug 2022	TP14_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	17 Mar 2021	TP15_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP15	16 Aug 2022	TP15_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	17 Mar 2021	TP16_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP16	16 Aug 2022	TP16_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	18 Mar 2021	TP17_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP17	16 Aug 2022	TP17_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	18 Mar 2021	TP18_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP18	16 Aug 2022	TP18_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	18 Mar 2021	TP19_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP19	16 Aug 2022	TP19_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	18 Mar 2021	TP20_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP20	16 Aug 2022	TP20_SY_Frag vicinity	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Mar 2021	TP21_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP21	17 Aug 2022	TP21_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Mar 2021	TP22_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Mar 2021	TP22_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Mar 2021	TP22_0.8	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP22	17 Aug 2022	TP22_SY_0.15	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2023g_TP23	16 Mar 2021	TP23_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	16 Mar 2021	TP23_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	16 Mar 2021	TP23_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	16 Mar 2021	TP23_FRAG_01	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP23	17 Aug 2022	TP23_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	16 Mar 2021	TP24_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP24	17 Aug 2022	TP24_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Mar 2021	TP25_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP25	17 Aug 2022	TP25_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Mar 2021	TP26_FRAG_06	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP26	17 Aug 2022	TP26_SY_3.0_frag	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Mar 2021	TP27_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Mar 2021	TP27_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Mar 2021	TP27_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP27	17 Aug 2022	TP27_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.3	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Mar 2021	TP28_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP28	17 Aug 2022	TP28_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	18 Mar 2021	TP29_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP29	17 Aug 2022	TP29_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.1	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_1.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	18 Mar 2021	TP30_2.0	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP30	17 Aug 2022	TP30_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.5	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP31	17 Aug 2022	TP31_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP32	17 Aug 2022	TP32_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP33	17 Aug 2022	TP33_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP34	17 Aug 2022	TP34_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP35	17 Aug 2022	TP35_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP36	17 Aug 2022	TP36_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP37	17 Aug 2022	TP37_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2023g_TP38	17 Aug 2022	TP38_SY_0.15	Normal	-	-	-	-	-	-	-	-	-

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2023g_TP39	17 Aug 2022	TP39_SY_0.15	Normal	-	-	-	-	-	-	-	-	-
DU15	WSP2024g_TP01	28 May 2024	TP01_1.0	Normal	-	-	3.9453	-	0.0026	0.72902	0.39453	0.72642	1.2107
DU15	WSP2024g_TP01	28 May 2024	TP01_1.0 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP01	28 May 2024	TP01_2.0 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP01	28 May 2024	TP01_2.2 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP02	27 May 2024	TP02_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP02	27 May 2024	TP02_1.5	Normal	-	-	0	-	0.0012	0.02648	0	0.02528	0.0632
DU15	WSP2024g_TP02	28 May 2024	TP02_1.5_ FRAGMENT	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP03	27 May 2024	TP03_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP03	27 May 2024	TP03_1.8 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP03	27 May 2024	TP03_2.0	Normal	-	-	0.1955	-	0.0016	0.10772	0.01955	0.10612	0.2653
DU15	WSP2024g_TP03	28 May 2024	TP03_0.1 FRAGMENT	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP04	27 May 2024	TP04_0.1	Normal	-	-	0	-	0.32	0.03212	0	0	0
DU15	WSP2024g_TP04	27 May 2024	TP04_0.8	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP05	28 May 2024	TP05_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP05	28 May 2024	TP05_0.5 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0	Normal	-	-	0	-	0.0016	0.18928	0	0.18768	0.4692
DU15	WSP2024g_TP05	28 May 2024	TP05_1.0 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP06	28 May 2024	TP06_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP06	28 May 2024	TP06_2.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP07	28 May 2024	TP07_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP07	28 May 2024	TP07_1.0	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP08	27 May 2024	TP08_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP08	27 May 2024	TP08_1.0	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP09	29 May 2024	TP09_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP09	29 May 2024	TP09_0.4	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP10	29 May 2024	TP10_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP10	29 May 2024	TP10_2.0	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP11	29 May 2024	TP11_0.5	Normal	-	-	0	-	0.0202	0.0202	0	0	0
DU15	WSP2024g_TP11	29 May 2024	TP11_1.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP12	29 May 2024	TP12_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP12	29 May 2024	TP12__2.0	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP13	28 May 2024	TP13_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP13	28 May 2024	TP13_1.5	Normal	-	-	0	-	0.0008	0.0008	0	0	0
DU15	WSP2024g_TP14	28 May 2024	TP14_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP14	28 May 2024	TP14_1.5	Normal	-	-	0	-	0.0011	0.53334	0	0.53224	1.3306
DU15	WSP2024g_TP14	28 May 2024	TP14_1.7 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP15	31 May 2024	TP15_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP15	31 May 2024	TP15_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6	Normal	-	-	0	-	0.0009	0.03262	0	0.03172	0.0793
DU15	WSP2024g_TP16	30 May 2024	TP16_0.6 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP16	30 May 2024	TP16_1.5	Normal	-	-	0	-	0.0023	0.0023	0	0	0
DU15	WSP2024g_TP16	30 May 2024	TP16_1.5 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP18	31 May 2024	TP18_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP18	31 May 2024	TP18_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP19	28 May 2024	TP19_2.5 FRAGMENT	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP19	29 May 2024	TP19_0.6	Normal	-	-	0	-	0.0006	0.0006	0	0	0
DU15	WSP2024g_TP19	29 May 2024	TP19_1.5	Normal	-	-	0	-	0.0014	0.56996	0	0.56856	1.4214

DU15 - 1e: Soil Analytical Results – Asbestos Screening

					Synthetic Fibres - Comment	Synthetic Mineral Fibre	Asbestos (ACM >7mm) Estimation_mass	Mass AF	Mass Asbestos in AF	Mass Asbestos in FA & AF	Mass Asbestos in ACM	Mass Asbestos in FA	Mass FA
					Comment	g/kg	g	g	g	g	g	g	g
EQL						0.1							
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial													
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**									
DU15	WSP2024g_TP19	29 May 2024	TP19_1.5 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP20	28 May 2024	TP20_2.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP20	29 May 2024	TP20_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP21	29 May 2024	TP21_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP21	29 May 2024	TP21_0.12 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP21	29 May 2024	TP21_1.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP22	30 May 2024	TP22_0.05	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP22	30 May 2024	TP22_1.0	Normal	-	-	0	-	0.0012	0.05956	0	0.05836	0.1459
DU15	WSP2024g_TP25	31 May 2024	TP25_0.2	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP25	31 May 2024	TP25_0.05	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP26	29 May 2024	TP26_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP26	29 May 2024	TP26_1.0 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP27	29 May 2024	TP27_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP27	29 May 2024	TP27_1.0	Normal	-	-	0	-	0.0014	0.03596	0	0.03456	0.0864
DU15	WSP2024g_TP27	29 May 2024	TP27_1.0 Fragment	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP28	31 May 2024	TP28_0.5	Normal	-	-	0	-	0.0009	0.11359	0	0.112692	0.1878
DU15	WSP2024g_TP28	31 May 2024	TP28_1.95	Normal	-	-	0	-	0	0.08788	0	0.08788	0.2197
DU15	WSP2024g_TP29	05 Jun 2024	TP29_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP29	05 Jun 2024	TP29_1.0	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP30	28 May 2024	TP30_0.5 FRAGMENT	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP30	29 May 2024	TP30_0.1	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP30	29 May 2024	TP30_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP31	05 Jun 2024	TP31_0.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP31	05 Jun 2024	TP31_1.5	Normal	-	-	0	-	-	0	0	0	0
DU15	WSP2024g_TP34	31 May 2024	TP34_0.5	Normal	-	-	0	-	0.0013	0.13074	0	0.12944	0.3236
DU15	WSP2024g_TP34	31 May 2024	TP34_2.5	Normal	-	-	0	-	0	0	0	0	0
DU15	WSP2024g_TP35	05 Jun 2024	TP35_0.5	Normal	-	-	0	-	0	0.0063	0	0.0063	0.0105
DU15	WSP2024g_TP35	05 Jun 2024	TP35_1.5	Normal	-	-	0	-	0	0	0	0	0

Comments

#1 -
#2 J.SPOONER
#3 No
#4 Ch
#5 No*
#6 B.SCHRADER
#7 Ch + Am
#8 J. SPOONER
#9 Yes
#10 A. SMYLIE
#11 N/A
#12 Adopted the guideline value for FA and AF (separately)

Environmental Standards

NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
>=0m, <1m						260[#1]	NL [#2]																
>=1m, <2m						370	NL																
>=2m, <4m						630	NL																
>=4m						NL [#2]	NL																
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																							
>=0m, <2m						**NL**	**NL**																
>=2m, <4m						**NL**	**NL**																
>=4m						**NL**	**NL**																
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																			
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	11	11	<50	<50	390	100	490	-	-	-	-	-	<5	<1	40	66	98	0.4
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	52	50	3,650	3,650	3,630	<100	7,280	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	68	66	300	300	<100	<100	300	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	133	124	1,520	1,520	22,100	5,700	29,300	69	560	16,100	9,060	25,700	<5	<1	36	114	130	<0.1
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	183	172	800	810	12,600	3,060	16,500	88	240	9,130	5,310	14,700	<5	<1	29	112	169	<0.1
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	251	248	<50	<50	2,100	4,000	6,100	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	265	248	<110	<110	6,510	8,290	14,800	-	-	-	-	-	<5	<1	12	65	44	0.2
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	16	<1	51	750	450	2.3
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	20	<1	56	830	531	2.7
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	<10	<10	<50	<50	230	130	360	<10	<50	130	160	290	10	<1	31	376	232	2.3
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	<10	<10	<50	<50	160	110	270	<10	<50	<100	120	120	<5	<1	8	28	55	2.3
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	<10	<10	<50	<50	160	130	290	<10	<50	<100	150	150	5	<1	16	67	90	3.1
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16	87	44	6.6
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	10	<1	32	70	136	4.1
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	<10	<10	<50	<50	400	330	730	<10	<50	180	370	550	9	<1	19	168	80	0.8
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	9	9	0.2
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	17	20	<0.1
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	22	23	<0.1
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	15	18	<0.1
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	101	310	360	0.2
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	101	340	398	0.3
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	24	12	<0.1
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	9	32	17	<0.1
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	<10	<10	1,190	1,190	5,110	350	6,650	<10	460	5,570	400	6,430	<5	<1	11	9	11	0.2
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	<10	<10	<50	<50	220	<100	220	<10	<50	170	<100	170	<5	<1	18	38	44	0.2
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	<10	<10	<50	<50	240	210	450	<10	<50	<100	230	230	<5	1	48	312	203	<0.1
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	13	20	<0.1
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	<5	<5	<0.1
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	38	215	171	0.1
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	36	150	137	0.2
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5	<0.1
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	<5	<0.1
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7	<5	<5	<0.1

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m						260[#1]	NL [#2]															
>=1m, <2m						370	NL															
>=2m, <4m						630	NL															
>=4m						NL [#2]	NL															
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m						**NL**	**NL**															
>=2m, <4m						**NL**	**NL**															
>=4m						**NL**	**NL**															
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16	96	70	0.2
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	<10	<10	<50	<50	<100	110	110	<10	<50	<100	<100	<50	<5	<1	11	12	18	<0.1
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	<5	<5	<0.1
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5	<0.1
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	<10	<10	340	340	3,140	460	3,940	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	<10	<10	70	70	1,010	180	1,260	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	<10	<10	<50	<50	2,060	350	2,410	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	<5	<1	6	<5	16	<0.1
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	<10	<10	<50	<50	240	<100	240	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	<10	<10	120	120	820	<100	940	-	-	-	-	-	<5	<1	10	<5	<5	<0.1
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	<10	<10	<50	<50	4,610	2,920	7,530	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	<10	<10	16,700	16,700	113,000	20,800	150,000	-	-	-	-	-	<5	<1	4	11	7	<0.1
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	<10	<10	<50	<50	160	<100	160	-	-	-	-	-	<5	<1	2	<5	<5	<0.1
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	<5	7	<0.1
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	<10	<10	<50	<50	870	430	1,300	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	<10	<10	2,500	2,500	5,150	350	8,000	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	<10	<10	140	140	1,200	800	2,140	-	-	-	-	-	<5	<1	53	35	8	0.1
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	<5	<5	<0.1
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	<10	<10	680	680	650	<100	1,330	-	-	-	-	-	<5	<1	5	26	63	<0.1
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m						260[#1]	NL [#2]															
>=1m, <2m						370	NL															
>=2m, <4m						630	NL															
>=4m						NL [#2]	NL															
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m						**NL**	**NL**															
>=2m, <4m						**NL**	**NL**															
>=4m						**NL**	**NL**															
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	<10	<10	<50	<50	610	<100	610	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	<10	<10	<50	<50	400	<100	400	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	<10	<10	50	50	920	<100	970	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	<10	<10	<50	<50	2,520	910	3,430	-	-	-	-	-	12	<1	48	705	440	0.1
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	<10	<10	<50	<50	260	130	390	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	<5	<5	<0.1
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	<10	<10	<50	<50	900	590	1,490	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	5	<5	<5	<0.1
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	6	<1	54	41	33	<0.1
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	5	<5	<5	<0.1
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	7	10	13	<0.1
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	<10	<10	<50	<50	110	130	240	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	6	<1	42	108	231	<0.1
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	<5	<5	<0.1

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons					Metals					
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m		260[#1]	NL [#2]															
>=1m, <2m		370	NL															
>=2m, <4m		630	NL															
>=4m		NL [#2]	NL															
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													3,000[#3]	900	3,600[#4]	240,000	1,500[#5]	730[#6]
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m		**NL**	**NL**															
>=2m, <4m		**NL**	**NL**															
>=4m		**NL**	**NL**															
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)																		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	<10	<10	<50	<50	520	210	730	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	11	20	<0.1
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	<10	<10	<50	<50	2,020	510	2,530	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	<10	<10	670	670	11,300	2,670	14,600	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	<10	<10	110	110	2,890	450	3,450	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	<10	<10	80	80	1,440	350	1,870	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<20	<20	<50	<50	190	120	310	<20	<20	92	130	222	11	0.5	34	280	180	4.2
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<25	<25	<50	<50	320	230	550	<25	<50	140	280	420	5	<0.4	16	40	70	3.4

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be considered where appropriate.
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be present.
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP TEF (ref Table 1A(1)) & summing
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) & napthalene (should meet relevant HSL)
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like PCBs) should be undertaken
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Monocyclic Aromatic Hydrocarbons														
			Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m					3	NL [#2]	NL [#2]			230								
>=1m, <2m					3	NL	NL			NL [#2]								
>=2m, <4m					3	NL	NL			NL								
>=4m					3	NL	NL			NL								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil			6,000	400,000														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m					**77**	**NL**	**NL**			**NL**								
>=2m, <4m					**160**	**NL**	**NL**			**NL**								
>=4m					**NL**	**NL**	**NL**			**NL**								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)											35,000[#10]	9,900[#10]	58,000[#10]	24,000[#10]		120,000[#10]	120,000[#10]	1,800[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	12	639	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	<0.2	<0.5	<0.5	1.6	<0.5	1.6	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	<0.2	<0.5	<0.5	1.5	<0.5	1.5	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	14	780	<0.2	<0.5	1.6	6.9	0.7	7.6	<0.5	1.3	<0.5	4.0	0.9	<0.5	<0.5	154
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	11	897	<0.2	<0.5	1.8	8.6	1.1	9.7	<0.5	1.5	<0.5	4.5	1.5	<0.5	<0.5	180
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	<0.2	<0.5	<0.5	3.2	<0.5	3.2	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	4	502	1.6	1.5	2.2	10.1	1.4	11.5	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	21	2,690	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	28	3,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	21	1,410	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	9	85	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	15	526	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	24	182	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	26	336	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	14	698	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	5	32	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	3	167	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	10	93	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	9	69	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	23	2,490	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	30	2,860	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	20	82	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	16	96	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	4	27	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	16	148	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	16	2,360	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	2	134	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	3	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	17	1,140	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	16	1,150	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	5	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	5	23	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU16 - 1b: Soil Analytical Results – Human Health Screening

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DU16 - 1b: Soil Analytical Results – Human Health Screening

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DU16 - 1b: Soil Analytical Results – Human Health Screening

			Monocyclic Aromatic Hydrocarbons														
	Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																
>=0m, <1m			3	NL [#2]	NL [#2]			230								
>=1m, <2m			3	NL	NL			NL [#2]								
>=2m, <4m			3	NL	NL			NL								
>=4m			3	NL	NL			NL								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	6,000	400,000														
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																
>=0m, <2m			**77**	**NL**	**NL**			**NL**								
>=2m, <4m			**160**	**NL**	**NL**			**NL**								
>=4m			**NL**	**NL**	**NL**			**NL**								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)									35,000[#10]	9,900[#10]	58,000[#10]	24,000[#10]		120,000[#10]	120,000[#10]	1,800[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type															
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	7	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	2	182	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	<2	11	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	22	1,200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	-	-	-	-	-	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	14	300	<0.2	<0.5	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

				Polynuclear Aromatic Hydrocarbons															
	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.2	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m								NL [#2]					NL				
>=1m, <2m								NL					NL				
>=2m, <4m								NL					NL				
>=4m								NL					NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m													**NL**				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,500[#10]									45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type															
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	41.8	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	2.6	-	-	-	-	-	<0.5	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	6.2	-	9.2	-	0.6	<0.5	1.2	14.7	<0.5	<0.5	<0.5	<0.5	4	1.2	0.9	<0.5	<0.5
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	22.2	-	11.5	-	0.6	<0.5	1.2	13.8	<0.5	<0.5	<0.5	<0.5	7	<0.5	<0.5	<0.5	<0.5
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	1.3	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.8	<0.5	<0.5
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5

DU16 - 1b: Soil Analytical Results – Human Health Screening

															Polynuclear Aromatic Hydrocarbons				
	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.2	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m								NL [#2]					NL				
>=1m, <2m								NL					NL				
>=2m, <4m								NL					NL				
>=4m								NL					NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m													**NL**				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,500[#10]									45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU16	TP23	06 Sep 2023	535_ETF06_TP23_0.3_230906	Normal	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	TP24	19 Jul 2023	535_ETF02_TP24_0.1_230719	Normal	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	TP31	19 Jul 2023	535_ETF02_QC100_230719	Field_D	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	TP31	19 Jul 2023	535_ETF02_TP31_0.3_230719	Normal	<0.5	-	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
DU16	WSP2018_BH01_AC	30 May 2018	BH01_0.3_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_BH01_AC	30 May 2018	BH01_1.0_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_BH02_AC	30 May 2018	BH02_0.2_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_BH03_AC	30 May 2018	BH03_0.3_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_BH04_AC	30 May 2018	BH04_0.3_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_0.5_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_2.0_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_3.0_AC	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_1.0_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_1.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP03_T2	01 Aug 2018	TP03_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_2.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP05_T2	01 Aug 2018	TP05_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP06_T2	01 Aug 2018	TP06_0.4_T2	Normal	-	-	-	-	-	-	-	21.9	-	-	-	-	-	192	-	-	-
DU16	WSP2018_TP06_T2	01 Aug 2018	TP06_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP07_T2	01 Aug 2018	TP07_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	1.2	-	-	-
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_1.7_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP11_T2	01 Aug 2018	TP11_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP12_T2	01 Aug 2018	TP12_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP14_T2	02 Aug 2018	TP14_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_1.0_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_1.0_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_2.2_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

																Polynuclear Aromatic Hydrocarbons				
	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.2	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m								NL [#2]					NL				
>=1m, <2m								NL					NL				
>=2m, <4m								NL					NL				
>=4m								NL					NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m													**NL**				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,500[#10]									45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_2.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_2.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_1.0_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_2.0_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.5_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_2.1_T2	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.1_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_1.9_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_1.0_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_2.0_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_2.0_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_2.2_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_1.0_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.2_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_1.9_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_2.4_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_1.0_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.2_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_2.1_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP38_T3	03 Aug 2018	TP38_0.5_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.2_T3	Normal	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

				Polynuclear Aromatic Hydrocarbons															
	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.2	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m								NL [#2]					NL				
>=1m, <2m								NL					NL				
>=2m, <4m								NL					NL				
>=4m								NL					NL				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					40[#7]	40[#7]	40[#7]										
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m													**NL**				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	1,500[#10]									45,000[#10]	230,000[#10]	30,000[#10]			30,000[#10]	21[#10]	210[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	9.9	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	2.1	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	1.6	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	<0.5	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<1	-	-	<0.05	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	0.05		0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]		240,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2,100[#10]	23,000[#10]		2.1[#10]	21[#10]				5,800[#10]	41,000[#10]		2,500[#10]	16,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																	
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	02 Aug 2018	TP17_2.2_T2	Normal	-	-	<0.5	-	-	-	-	-	-	68.8	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_2.0_T2	Normal	-	-	<0.5	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-
DU16	TP03	12 Jul 2023	535_ETF01_TP03_0.3_230712	Normal	<0.5	-	<0.5	-	3.6	2.0	<0.5	<0.5	<0.5	22.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP03	12 Jul 2023	535_ETF01_QC100_230712	Field_D	<0.5	-	<0.5	-	2.1	1.2	<0.5	<0.5	<0.5	17.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-
DU16	T415_TP04	31 Mar 2023	535_T415_QC100_230331	Field_D	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.1_230331	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.3_230331	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.3_230330	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.3_240123	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.3_240123	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP30	23 Jan 2024	535_T415_QC100_240123	Field_D	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.1_240123	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	02 Aug 2023	535_ETF02_TP01_0.1	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	09 Aug 2023	535_ETF04_TP01_0.1_230809	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	06 Sep 2023	535_EFT06_QC100_230906	Field_D	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	06 Sep 2023	535_ETF06_TP01_0.1_230906	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP02	16 Aug 2023	535_ETF05_QC100_230816	Field_D	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP02	16 Aug 2023	535_ETF05_TP02_0.1_230816	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP05	02 Aug 2023	535_ETF03_QC100_230802	Field_D	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP05	02 Aug 2023	535_ETF03_TP05_0.1_230802	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP06	19 Jul 2023	535_ETF02_TP06_0.3_230719	Normal	<0.5	-	<0.5	-	0.9	4.5	<0.5	<0.5	<0.5	6.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP11	19 Jul 2023	535_ETF02_TP11_0.3_230719	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP12	09 Aug 2023	535_ETF04_TP12_0.3_230809	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP12	16 Aug 2023	535_ETF05_TP12_0.3_230816	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP12	06 Sep 2023	535_ETF06_TP12_0.3_230906	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP13	12 Jul 2023	535_ETF01_TP13_0.3_230712	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP15	02 Aug 2023	535_ETF03_TP15_0.3_230802	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP18	19 Jul 2023	535_ETF02_TP18_0.3_230719	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP20	09 Aug 2023	535_ETF04_TP20_0.3_230809	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP21	02 Aug 2023	535_ETF03_TP21_0.3_230802	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP21	16 Aug 2023	535_ETF05_TP21_0.3_230816	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP22	12 Jul 2023	535_ETF01_TP22_0.1_230712	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	0.05		0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]		240,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2,100[#10]	23,000[#10]		2.1[#10]	21[#10]				5,800[#10]	41,000[#10]		2,500[#10]	16,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU16	TP23	06 Sep 2023	535_ETF06_TP23_0.3_230906	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP24	19 Jul 2023	535_ETF02_TP24_0.1_230719	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP31	19 Jul 2023	535_ETF02_QC100_230719	Field_D	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP31	19 Jul 2023	535_ETF02_TP31_0.3_230719	Normal	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	WSP2018_BH01_AC	30 May 2018	BH01_0.3_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	30 May 2018	BH01_1.0_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	30 May 2018	BH02_0.2_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	30 May 2018	BH03_0.3_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	30 May 2018	BH04_0.3_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_0.5_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_2.0_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_3.0_AC	Normal	-	-	<0.5	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_1.0_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_1.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	01 Aug 2018	TP03_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_2.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP05_T2	01 Aug 2018	TP05_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	01 Aug 2018	TP06_0.4_T2	Normal	-	-	68.8	-	-	-	-	-	-	1,000	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	01 Aug 2018	TP06_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	01 Aug 2018	TP07_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	2.5	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_1.7_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	01 Aug 2018	TP11_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	01 Aug 2018	TP12_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	15.3	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	02 Aug 2018	TP14_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_0.1_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_1.0_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_1.0_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_2.2_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_0.5_T2	Normal	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	0.05		0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]		240,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2,100[#10]	23,000[#10]		2.1[#10]	21[#10]				5,800[#10]	41,000[#10]		2,500[#10]	16,000[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.2	0.05		0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										4,000[#8]		240,000					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					2,100[#10]	23,000[#10]		2.1[#10]	21[#10]				5,800[#10]	41,000[#10]		2,500[#10]	16,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	0.9	-	-	-	-	-	-	24.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	<0.5	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	-	<0.2	<0.05	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

						Phenolic Compounds										Polychlorinated Biphenyls						
						2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Phenols	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.5	0.2	0.2	2	1	0.2	4	4		0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m																						
>=1m, <2m																						
>=2m, <4m																						
>=4m																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											660					7[#9]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m																						
>=2m, <4m																						
>=4m																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							82,000[#10]	210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]				2?[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.2[#11]	-	-	-	-	-	-	
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.2[#11]	-	-	-	-	-	-	
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	2.2	-	-	-	-	-	-	
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	3.0	-	-	-	-	-	-	
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	0.1	-	-	-	-	-	-	
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	0.9	-	-	-	-	-	-	
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	2.5	-	-	-	-	-	-	
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	4.7	-	-	-	-	-	-	
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	2.1	-	-	-	-	-	-	
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Phenolic Compounds										Polychlorinated Biphenyls						
					2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Phenols	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.5	0.2	0.2	2	1	0.2	4	4		0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										660					7[#9]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						82,000[#10]	210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]				27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

						Phenolic Compounds										Polychlorinated Biphenyls			
						2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Phenols	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.5	0.2	0.2	2	1	0.2	4	4		0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											660					7[#9]			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							82,000[#10]	210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]				27[#10]	0.83[#10]	0.72[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type															
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.5_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_1.0_T2	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_2.0_T2	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.5_T2	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_1.9_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_2.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_2.0_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_2.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_1.9_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_2.4_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_2.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP38_T3	03 Aug 2018	TP38_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

						Phenolic Compounds										Polychlorinated Biphenyls						
						2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Phenols	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.5	0.2	0.2	2	1	0.2	4	4		0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																						
>=0m, <1m																						
>=1m, <2m																						
>=2m, <4m																						
>=4m																						
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil											660					7[#9]						
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																						
>=0m, <2m																						
>=2m, <4m																						
>=4m																						
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							82,000[#10]	210[#10]	82,000[#10]	66[#10]		25,000[#10]	1,600[#10]				27[#10]	0.83[#10]	0.72[#10]	0.95[#10]	0.94[#10]	0.97[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	<8	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	-	-	-	-	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<0.2	<1	<0.2	<0.2	<2	<1	<0.2	<4	<4	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

		Chlorinated Hydrocarbons		Sulfonated Compounds														
	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.99[#10]			3,500[#10]				600[#10]		2,500[#10]			570[#10]		8,200[#10]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type															
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_0.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	02 Aug 2018	TP17_2.2_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_2.0_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	TP03	12 Jul 2023	535_ETF01_TP03_0.3_230712	Normal	-	-	-	<0.5	-	-	-	-	-	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	-	-
DU16	TP03	12 Jul 2023	535_ETF01_QC100_230712	Field_D	-	-	-	<0.5	-	-	-	-	-	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	-	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.5_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	T415_TP04	31 Mar 2023	535_T415_QC100_230331	Field_D	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.1_230331	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.3_230331	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.3_230330	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.3_240123	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.3_240123	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	T415_TP30	23 Jan 2024	535_T415_QC100_240123	Field_D	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.1_240123	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP01	02 Aug 2023	535_ETF02_TP01_0.1	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP01	09 Aug 2023	535_ETF04_TP01_0.1_230809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP01	06 Sep 2023	535_EFT06_QC100_230906	Field_D	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP01	06 Sep 2023	535_ETF06_TP01_0.1_230906	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP02	16 Aug 2023	535_ETF05_QC100_230816	Field_D	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP02	16 Aug 2023	535_ETF05_TP02_0.1_230816	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP05	02 Aug 2023	535_ETF03_QC100_230802	Field_D	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP05	02 Aug 2023	535_ETF03_TP05_0.1_230802	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP06	19 Jul 2023	535_ETF02_TP06_0.3_230719	Normal	-	-	-	<0.5	-	-	-	-	-	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	-	-
DU16	TP11	19 Jul 2023	535_ETF02_TP11_0.3_230719	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP12	09 Aug 2023	535_ETF04_TP12_0.3_230809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP12	16 Aug 2023	535_ETF05_TP12_0.3_230816	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP12	06 Sep 2023	535_ETF06_TP12_0.3_230906	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP13	12 Jul 2023	535_ETF01_TP13_0.3_230712	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP15	02 Aug 2023	535_ETF03_TP15_0.3_230802	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP18	19 Jul 2023	535_ETF02_TP18_0.3_230719	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP20	09 Aug 2023	535_ETF04_TP20_0.3_230809	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP21	02 Aug 2023	535_ETF03_TP21_0.3_230802	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP21	16 Aug 2023	535_ETF05_TP21_0.3_230816	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	TP22	12 Jul 2023	535_ETF01_TP22_0.1_230712	Normal	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

				Chlorinated Hydrocarbons		Sulfonated Compounds														
				Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.1	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				0.99[#10]			3,500[#10]				600[#10]		2,500[#10]			570[#10]		8,200[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	-	-	-	<0.5	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

		Chlorinated Hydrocarbons		Sulfonated Compounds														
	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.99[#10]			3,500[#10]				600[#10]		2,500[#10]			570[#10]		8,200[#10]		

Monitoring Zone	Location Code	Date	Field ID	Sample Type																
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.5_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_1.0_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_2.0_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.5_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_1.9_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_2.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_2.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_2.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_1.9_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_2.4_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_2.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP38_T3	03 Aug 2018	TP38_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

			Chlorinated Hydrocarbons		Sulfonated Compounds														
			Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.1	0.5	0.5	0.5	0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																2,000			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)			0.99[#10]			3,500[#10]				600[#10]		2,500[#10]			570[#10]		8,200[#10]		
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<0.1	-	-	-	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

						Organophosphorus Pesticides (OP)															
						Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.05	0.05	0.05	0.05	0.1	0.2	0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								570[#10]	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]	1,200[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	-	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	-	-	<0.25[#11]	-	<0.25[#11]	-	-	<0.25[#11]	<0.25[#11]	-	-	<1.0[#11]
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	-	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	-	-	<0.25[#11]	-	<0.25[#11]	-	-	<0.25[#11]	<0.25[#11]	-	-	<1.0[#11]
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	-	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	-	-	<0.25[#11]	-	<0.25[#11]	-	-	<0.25[#11]	<0.25[#11]	-	-	<1[#11]
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Organophosphorus Pesticides (OP)																
					Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.05	0.05	0.05	0.1	0.2	0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							570[#10]	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]		210[#10]				16,000[#10]	35[#10]	1,200[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	-	<0.05	<0.05	<0.05	<0.05	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

											Organophosphorus Pesticides (OP)								
											Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											0.2	0.05	0.05	0.05	0.05	0.1	0.2	0.05	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)													570[#10]	7.9[#10]	1,800[#10]	33[#10]	8.2[#10]	410[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

											Organophosphorus Pesticides (OP)								
											Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos
											mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL											0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)												210[#10]				16,000[#10]	35[#10]	1,200[#10]	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

										Organophosphorus Pesticides (OP)									
				Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.05	0.05	0.05	0.05	0.1	0.2	0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						570 #10	7.9 #10	1,800 #10	33 #10	8.2 #10	410 #10		210 #10				16,000 #10	35 #10	1,200 #10	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	-	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.1	0.1	0.1	0.05	0.05	0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,300[#10]	4,900[#10]	210[#10]	160[#10]			58,000[#10]			29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	-	<1.0[#11]	<1.0[#11]	-	<0.25[#11]	<0.25[#11]	-	-	-	-	-	-	-	<0.25[#11]	<0.25[#11]	<0.08[#11]	<0.25[#11]	<0.25[#11]
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	-	<1.0[#11]	<1.0[#11]	-	<0.25[#11]	<0.25[#11]	-	-	-	-	-	-	-	<0.25[#11]	<0.25[#11]	<0.08[#11]	<0.25[#11]	<0.25[#11]
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	-	<1[#11]	<1[#11]	-	<0.25[#11]	<0.25[#11]	-	-	-	-	-	-	-	<0.25[#11]	<0.25[#11]	<0.08[#11]	<0.25[#11]	<0.25[#11]
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05

DU16 - 1b: Soil Analytical Results – Human Health Screening

				Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.1	0.1	0.1	0.05	0.05	0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				2,300[#10]	4,900[#10]	210[#10]	160[#10]			58,000[#10]			29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	-	<0.2	<0.2	-	<0.05	<0.05	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.1	0.1	0.1	0.05	0.05	0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,300[#10]	4,900[#10]	210[#10]	160[#10]			58,000[#10]			29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type																	
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.5_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_1.0_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_2.0_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.5_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_2.1_T2	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_1.9_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_2.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_2.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_2.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_1.9_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_2.4_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_1.0_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_2.1_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP38_T3	03 Aug 2018	TP38_0.5_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.2_T3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.1	0.1	0.1	0.05	0.05	0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil															45		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	2,300[#10]	4,900[#10]	210[#10]	160[#10]			58,000[#10]			29[#10]			0.18[#10]	0.14[#10]		0.36[#10]	1.3[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	<0.1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

						Organochlorine Pesticides (OC)														
						d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										530				3,600	2,000				100			50
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.08[#11]	<0.25[#11]	<0.25[#11]	<1.0[#11]	<0.08[#11]	<0.15[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.08[#11]	<0.25[#11]	<0.25[#11]	<1.0[#11]	<0.08[#11]	<0.15[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.08[#11]	<0.25[#11]	<0.25[#11]	<1[#11]	<0.08[#11]	<0.15[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]	<0.25[#11]
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Organochlorine Pesticides (OC)														
					d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									530				3,600	2,000				100			50
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

						Organochlorine Pesticides (OC)														
						d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										530				3,600	2,000				100			50
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)							2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																		
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

									Organochlorine Pesticides (OC)										
									d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
>=0m, <1m																									
>=1m, <2m																									
>=2m, <4m																									
>=4m																									
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil													530				3,600	2,000				100			50
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																									
>=0m, <2m																									
>=2m, <4m																									
>=4m																									
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)										2.5[#10]	500[#10]	500[#10]		9.6[#10]	9.3[#10]	8.5[#10]					4,900[#10]				
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																					
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	<0.5	-	-	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1			

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

									Halogenated Aromatic Compounds									
								Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									80	2,500	160	100												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								0.33[#10]							1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	630[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	<0.25[#11]	<0.25[#11]	<1.0[#11]	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	<0.25[#11]	<0.25[#11]	<1.0[#11]	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	<0.25[#11]	<0.25[#11]	<1[#11]	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

									Halogenated Aromatic Compounds									
								Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									80	2,500	160	100												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								0.33[#10]							1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	630[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	<0.05	<0.05	<0.2	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

									Halogenated Aromatic Compounds										
								Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
>=0m, <1m																								
>=1m, <2m																								
>=2m, <4m																								
>=4m																								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									80	2,500	160	100												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																								
>=0m, <2m																								
>=2m, <4m																								
>=4m																								
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)								0.33[#10]							1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	630[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																				
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

								Halogenated Aromatic Compounds									
	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil		80	2,500	160	100												
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	0.33[#10]							1,800[#10]	1,300[#10]	23,000[#10]	23,000[#10]	9,300[#10]		11[#10]	930[#10]	110[#10]	630[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	<0.5	<0.5	<10	-	<1	<1	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<0.1	<0.1	<0.1	-	<0.1	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

														Halogenated Aliphatic Compounds					
				Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				3.2[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU16 - 1b: Soil Analytical Results – Human Health Screening

														Halogenated Aliphatic Compounds					
				Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				3.2[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

														Halogenated Aliphatic Compounds					
				Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				3.2[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

													Halogenated Aliphatic Compounds						
				Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				3.2[#10]	370[#10]	460[#10]	1.7[#10]	30[#10]	23,000[#10]	350,000[#10]	1,000[#10]		16[#10]	370[#10]	300[#10]	36,000[#10]		2.9[#10]	2[#10]	6[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	-	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

															Trihalomethanes			
					Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]	0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

DU16 - 1b: Soil Analytical Results – Human Health Screening

															Trihalomethanes			
				Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]	0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

															Trihalomethanes			
					Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																					
>=0m, <1m																					
>=1m, <2m																					
>=2m, <4m																					
>=4m																					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																					
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																					
>=0m, <2m																					
>=2m, <4m																					
>=4m																					
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]	0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																	
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

															Trihalomethanes			
	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane	Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																	
>=0m, <1m																	
>=1m, <2m																	
>=2m, <4m																	
>=4m																	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																	
>=0m, <2m																	
>=2m, <4m																	
>=4m																	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	99[#10]	5[#10]	23,000[#10]	100[#10]	8.8[#10]	0.032[#10]	0.032[#10]	2.7[#10]	0.11[#10]	1,000[#10]	36[#10]	0.064[#10]	5.3[#10]	1.3[#10]	39[#10]	86[#10]	1.4[#10]
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	-	-	-	<0.5	<0.5	<0.5	<0.5
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<1	<1	<1	<1	<1	-	-	<1	<1	-	-	<1	<1	<1	<1	<1	<1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Fumigants					Oxygenated Compounds					Chemical Parameters		Inorganics		
					1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	pH (Final)	pH (Initial)	pH (after HCL)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	pH Units	pH Units	pH Units
EQL					0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	1	1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					0.16[#10]	11[#10]				1,100,000[#10]	3,800[#10]	190,000[#10]	1,300[#10]	140,000[#10]					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP17_T2**	**02 Aug 2018**	**TP17_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_TP03_0.3_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7.3	-	5.0	6.1	1.5
DU16	**TP03**	**12 Jul 2023**	**535_ETF01_QC100_230712**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.4	-	5.0	6.8	1.4
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**01 Aug 2018**	**TP08_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_QC100_230331**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.3	-	5.0	8.0	1.6
DU16	**T415_TP04**	**31 Mar 2023**	**535_T415_TP04_0.1_230331**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.4	-	5.0	7.6	1.6
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_TP07_0.3_230331**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	21	-	5.3	10.0	5.1
DU16	**T415_TP12**	**30 Mar 2023**	**535_T415_TP12_0.3_230330**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7	-	5.0	8.3	1.6
DU16	**T415_TP16**	**23 Jan 2024**	**535_T415_TP16_0.3_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	21.7	-	5.0	7.9	1.5
DU16	**T415_TP26**	**23 Jan 2024**	**535_T415_TP26_0.3_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	24.6	-	5.0	8.0	1.4
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC100_240123**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.1	-	5.0	7.8	1.4
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_TP30_0.1_240123**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	20.5	-	5.0	9.2	1.6
DU16	**TP01**	**02 Aug 2023**	**535_ETF02_TP01_0.1**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	18.2	-	5.0	7.3	1.5
DU16	**TP01**	**09 Aug 2023**	**535_ETF04_TP01_0.1_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.4	-	5.2	9.2	1.6
DU16	**TP01**	**06 Sep 2023**	**535_EFT06_QC100_230906**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.9	-	5.1	8.6	1.5
DU16	**TP01**	**06 Sep 2023**	**535_ETF06_TP01_0.1_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.3	-	5.2	8.5	1.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_QC100_230816**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	11.2	-	5.0	7.4	1.5
DU16	**TP02**	**16 Aug 2023**	**535_ETF05_TP02_0.1_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	10.6	-	5.0	7.6	1.5
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_QC100_230802**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	15.3	-	5.3	9.4	1.7
DU16	**TP05**	**02 Aug 2023**	**535_ETF03_TP05_0.1_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	16.0	-	5.4	9.3	1.7
DU16	**TP06**	**19 Jul 2023**	**535_ETF02_TP06_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7	-	4.9	6.1	1.6
DU16	**TP11**	**19 Jul 2023**	**535_ETF02_TP11_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	10.5	-	4.9	9.1	5.5
DU16	**TP12**	**09 Aug 2023**	**535_ETF04_TP12_0.3_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	4.7	-	4.9	8.6	1.7
DU16	**TP12**	**16 Aug 2023**	**535_ETF05_TP12_0.3_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	3.4	-	5.0	5.6	1.4
DU16	**TP12**	**06 Sep 2023**	**535_ETF06_TP12_0.3_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.8	-	5.0	9.4	1.5
DU16	**TP13**	**12 Jul 2023**	**535_ETF01_TP13_0.3_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	3.3	-	5.0	7.3	1.4
DU16	**TP15**	**02 Aug 2023**	**535_ETF03_TP15_0.3_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	17.9	-	6.1	9.4	2.7
DU16	**TP18**	**19 Jul 2023**	**535_ETF02_TP18_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.5	-	5	7	1.6
DU16	**TP20**	**09 Aug 2023**	**535_ETF04_TP20_0.3_230809**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.4	-	5.3	9.4	1.8
DU16	**TP21**	**02 Aug 2023**	**535_ETF03_TP21_0.3_230802**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	17.9	-	5.0	7.3	1.5
DU16	**TP21**	**16 Aug 2023**	**535_ETF05_TP21_0.3_230816**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	2.1	-	5.0	7.2	1.5
DU16	**TP22**	**12 Jul 2023**	**535_ETF01_TP22_0.1_230712**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	2.2	-	5.0	7.4	1.4

DU16 - 1b: Soil Analytical Results – Human Health Screening

					Fumigants					Oxygenated Compounds					Chemical Parameters		Inorganics		
					1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	pH (Final)	pH (Initial)	pH (after HCL)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	pH Units	pH Units	pH Units
EQL					0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	1	1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			
>=0m, <1m																			
>=1m, <2m																			
>=2m, <4m																			
>=4m																			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																			
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																			
>=0m, <2m																			
>=2m, <4m																			
>=4m																			
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)					0.16[#10]	11[#10]				1,100,000[#10]	3,800[#10]	190,000[#10]	1,300[#10]	140,000[#10]					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**															
DU16	**TP23**	**06 Sep 2023**	**535_ETF06_TP23_0.3_230906**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.9	-	5.2	9.4	1.5
DU16	**TP24**	**19 Jul 2023**	**535_ETF02_TP24_0.1_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.8	-	5	7.5	1.6
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_QC100_230719**	**Field_D**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.8	-	5	7.3	1.6
DU16	**TP31**	**19 Jul 2023**	**535_ETF02_TP31_0.3_230719**	**Normal**	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.3	-	5	7.4	1.6
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH01_AC**	**30 May 2018**	**BH01_1.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH02_AC**	**30 May 2018**	**BH02_0.2_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH03_AC**	**30 May 2018**	**BH03_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH04_AC**	**30 May 2018**	**BH04_0.3_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_0.5_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_2.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_BH05_AC**	**30 May 2018**	**BH05_3.0_AC**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP01_T2**	**01 Aug 2018**	**TP01_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP02_T2**	**01 Aug 2018**	**TP02_1.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP03_T2**	**01 Aug 2018**	**TP03_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP04_T2**	**01 Aug 2018**	**TP04_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP05_T2**	**01 Aug 2018**	**TP05_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.4_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**01 Aug 2018**	**TP06_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP07_T2**	**01 Aug 2018**	**TP07_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP09_T2**	**01 Aug 2018**	**TP09_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**01 Aug 2018**	**TP10_1.7_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**01 Aug 2018**	**TP11_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**01 Aug 2018**	**TP12_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**02 Aug 2018**	**TP13_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**02 Aug 2018**	**TP14_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**02 Aug 2018**	**TP15_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**02 Aug 2018**	**TP16_2.2_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

				Fumigants					Oxygenated Compounds					Chemical Parameters		Inorganics			
				1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	pH (Final)	pH (Initial)	pH (after HCL)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	pH Units	pH Units	pH Units
EQL				0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	1	1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																		
>=0m, <1m																		
>=1m, <2m																		
>=2m, <4m																		
>=4m																		
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																		
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																		
>=0m, <2m																		
>=2m, <4m																		
>=4m																		
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)				0.16[#10]	11[#10]				1,100,000[#10]	3,800[#10]	190,000[#10]	1,300[#10]	140,000[#10]					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU16	**WSP2018_TP18_T2**	**02 Aug 2018**	**TP18_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**02 Aug 2018**	**TP19_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**02 Aug 2018**	**TP20_1.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_0.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**02 Aug 2018**	**TP21_2.0_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_0.5_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP22_T2**	**02 Aug 2018**	**TP22_2.1_T2**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**02 Aug 2018**	**TP23_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**02 Aug 2018**	**TP24_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP25_T3**	**02 Aug 2018**	**TP25_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**02 Aug 2018**	**TP26_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP27_T3**	**02 Aug 2018**	**TP27_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**02 Aug 2018**	**TP28_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**02 Aug 2018**	**TP29_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**02 Aug 2018**	**TP30_2.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**02 Aug 2018**	**TP31_2.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**02 Aug 2018**	**TP32_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**02 Aug 2018**	**TP33_1.9_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_0.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**02 Aug 2018**	**TP34_2.4_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP35_T3**	**03 Aug 2018**	**TP35_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**03 Aug 2018**	**TP36_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**03 Aug 2018**	**TP37_2.1_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**03 Aug 2018**	**TP38_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

						Fumigants					Oxygenated Compounds					Chemical Parameters		Inorganics		
						1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content	Moisture Content (dried @ 103°C)	pH (Final)	pH (Initial)	pH (after HCL)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	pH Units	pH Units	pH Units
EQL						0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	1	1	0.1	0.1	0.1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
>=0m, <1m																				
>=1m, <2m																				
>=2m, <4m																				
>=4m																				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand																				
>=0m, <2m																				
>=2m, <4m																				
>=4m																				
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)						0.16[#10]	11[#10]				1,100,000[#10]	3,800[#10]	190,000[#10]	1,300[#10]	140,000[#10]					
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**																
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	12	-	-	-
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<1	<1	<1	<1	<1	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Volatile Aliphatic Hydrocarbons
	Cyclohexane
	mg/kg
EQL	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	27,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_0.1_T2	Normal	-
DU16	WSP2018_TP17_T2	02 Aug 2018	TP17_2.2_T2	Normal	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_2.0_T2	Normal	-
DU16	TP03	12 Jul 2023	535_ETF01_TP03_0.3_230712	Normal	-
DU16	TP03	12 Jul 2023	535_ETF01_QC100_230712	Field_D	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.1_T2	Normal	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.5_T2	Normal	-
DU16	T415_TP04	31 Mar 2023	535_T415_QC100_230331	Field_D	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.1_230331	Normal	-
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.3_230331	Normal	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.3_230330	Normal	-
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.3_240123	Normal	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.3_240123	Normal	-
DU16	T415_TP30	23 Jan 2024	535_T415_QC100_240123	Field_D	-
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.1_240123	Normal	-
DU16	TP01	02 Aug 2023	535_ETF02_TP01_0.1	Normal	-
DU16	TP01	09 Aug 2023	535_ETF04_TP01_0.1_230809	Normal	-
DU16	TP01	06 Sep 2023	535_EFT06_QC100_230906	Field_D	-
DU16	TP01	06 Sep 2023	535_ETF06_TP01_0.1_230906	Normal	-
DU16	TP02	16 Aug 2023	535_ETF05_QC100_230816	Field_D	-
DU16	TP02	16 Aug 2023	535_ETF05_TP02_0.1_230816	Normal	-
DU16	TP05	02 Aug 2023	535_ETF03_QC100_230802	Field_D	-
DU16	TP05	02 Aug 2023	535_ETF03_TP05_0.1_230802	Normal	-
DU16	TP06	19 Jul 2023	535_ETF02_TP06_0.3_230719	Normal	-
DU16	TP11	19 Jul 2023	535_ETF02_TP11_0.3_230719	Normal	-
DU16	TP12	09 Aug 2023	535_ETF04_TP12_0.3_230809	Normal	-
DU16	TP12	16 Aug 2023	535_ETF05_TP12_0.3_230816	Normal	-
DU16	TP12	06 Sep 2023	535_ETF06_TP12_0.3_230906	Normal	-
DU16	TP13	12 Jul 2023	535_ETF01_TP13_0.3_230712	Normal	-
DU16	TP15	02 Aug 2023	535_ETF03_TP15_0.3_230802	Normal	-
DU16	TP18	19 Jul 2023	535_ETF02_TP18_0.3_230719	Normal	-
DU16	TP20	09 Aug 2023	535_ETF04_TP20_0.3_230809	Normal	-
DU16	TP21	02 Aug 2023	535_ETF03_TP21_0.3_230802	Normal	-
DU16	TP21	16 Aug 2023	535_ETF05_TP21_0.3_230816	Normal	-
DU16	TP22	12 Jul 2023	535_ETF01_TP22_0.1_230712	Normal	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Volatile Aliphatic Hydrocarbons
	Cyclohexane
	mg/kg
EQL	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	27,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU16	TP23	06 Sep 2023	535_ETF06_TP23_0.3_230906	Normal	-
DU16	TP24	19 Jul 2023	535_ETF02_TP24_0.1_230719	Normal	-
DU16	TP31	19 Jul 2023	535_ETF02_QC100_230719	Field_D	-
DU16	TP31	19 Jul 2023	535_ETF02_TP31_0.3_230719	Normal	-
DU16	WSP2018_BH01_AC	30 May 2018	BH01_0.3_AC	Normal	-
DU16	WSP2018_BH01_AC	30 May 2018	BH01_1.0_AC	Normal	-
DU16	WSP2018_BH02_AC	30 May 2018	BH02_0.2_AC	Normal	-
DU16	WSP2018_BH03_AC	30 May 2018	BH03_0.3_AC	Normal	-
DU16	WSP2018_BH04_AC	30 May 2018	BH04_0.3_AC	Normal	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_0.5_AC	Normal	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_2.0_AC	Normal	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_3.0_AC	Normal	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_0.1_T2	Normal	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_1.0_T2	Normal	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_0.5_T2	Normal	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_1.5_T2	Normal	-
DU16	WSP2018_TP03_T2	01 Aug 2018	TP03_0.1_T2	Normal	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_0.1_T2	Normal	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_2.1_T2	Normal	-
DU16	WSP2018_TP05_T2	01 Aug 2018	TP05_0.5_T2	Normal	-
DU16	WSP2018_TP06_T2	01 Aug 2018	TP06_0.4_T2	Normal	-
DU16	WSP2018_TP06_T2	01 Aug 2018	TP06_0.5_T2	Normal	-
DU16	WSP2018_TP07_T2	01 Aug 2018	TP07_0.5_T2	Normal	-
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.5_T2	Normal	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_0.1_T2	Normal	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_1.7_T2	Normal	-
DU16	WSP2018_TP11_T2	01 Aug 2018	TP11_0.5_T2	Normal	-
DU16	WSP2018_TP12_T2	01 Aug 2018	TP12_0.1_T2	Normal	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_0.1_T2	Normal	-
DU16	WSP2018_TP14_T2	02 Aug 2018	TP14_0.5_T2	Normal	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_0.1_T2	Normal	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_1.0_T2	Normal	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_1.0_T2	Normal	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_2.2_T2	Normal	-
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_0.5_T2	Normal	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Volatile Aliphatic Hydrocarbons
	Cyclohexane
	mg/kg
EQL	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	27,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_2.1_T2	Normal	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_2.1_T2	Normal	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.5_T2	Normal	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_1.0_T2	Normal	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.1_T2	Normal	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_2.0_T2	Normal	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.5_T2	Normal	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_2.1_T2	Normal	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.1_T3	Normal	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_1.9_T3	Normal	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.5_T3	Normal	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_1.0_T3	Normal	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_2.0_T3	Normal	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.5_T3	Normal	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.5_T3	Normal	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_2.0_T3	Normal	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_2.2_T3	Normal	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.5_T3	Normal	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_1.0_T3	Normal	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.2_T3	Normal	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_1.9_T3	Normal	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_2.4_T3	Normal	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_1.0_T3	Normal	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.5_T3	Normal	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.2_T3	Normal	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_2.1_T3	Normal	-
DU16	WSP2018_TP38_T3	03 Aug 2018	TP38_0.5_T3	Normal	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.2_T3	Normal	-

DU16 - 1b: Soil Analytical Results – Human Health Screening

	Volatile Aliphatic Hydrocarbons
	Cyclohexane
	mg/kg
EQL	1
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand	
>=0m, <1m	
>=1m, <2m	
>=2m, <4m	
>=4m	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	
CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand	
>=0m, <2m	
>=2m, <4m	
>=4m	
USEPA RSLs Industrial Soil THQ=1.0 (May 2024)	27,000[#10]

Monitoring Zone	Location Code	Date	Field ID	Sample Type	
DU16	**WSP2018_TP39_T3**	**03 Aug 2018**	**TP39_1.8_T3**	**Normal**	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_0.5_T3**	**Normal**	-
DU16	**WSP2018_TP40_T3**	**03 Aug 2018**	**TP40_1.7_T3**	**Normal**	-
DU16	**WSP2018_TP41_T3**	**03 Aug 2018**	**TP41_1.0_T3**	**Normal**	-
DU16	**WSP2018_TP42_T3**	**03 Aug 2018**	**TP42_0.2_T3**	**Normal**	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_0.2_T3**	**Normal**	-
DU16	**WSP2018_TP43_T3**	**03 Aug 2018**	**TP43_2.3_T3**	**Normal**	-
DU16	**WSP2018_TP44_T3**	**03 Aug 2018**	**TP44_0.5_T3**	**Normal**	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.2_T3**	**Normal**	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_0.5_T3**	**Normal**	-
DU16	**WSP2018_TP45_T3**	**03 Aug 2018**	**TP45_1.7_T3**	**Normal**	-
DU16	**T415_TP07**	**31 Mar 2023**	**535_T415_QC200_230331**	**Interlab_D**	-
DU16	**T415_TP30**	**23 Jan 2024**	**535_T415_QC200_240123**	**Interlab_D**	<1

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 Derived soil HSL exceeds soil saturation concentraiton
#3 Arsenic: HIL assumes 70% oral bioavailability. Site-specific bioavailability maybe important and should be considered where appropriate (refer Shedule B7).
#4 Guideline value for 'Chromium (VI)' adopted
#5 Lead: HILs A,B,C based on blood lead models (IEUBK & HIL D on adult lead model for where 50% bioavailability considered. Site-specific bioavailability should be
#6 Elemental mercury: HIL does not address elemental mercury. a site specific assessment should be considered if elemental mercury is present, or suspected to be
#7 Carcinogenic PAHs: HIL based on 8 carc. PAHs & their TEFs (rel to BaP ref Schedule 7) BaP TEQ calc by multiplying the conc of each carc. PAH in sample by its BaP
#8 Total PAHs: Based on sum of 16 most common reported (WHO 98). HIL application should consider presence of carcinogenic PAHs (should meet BaP TEQ HIL) &
#9 PCBs: HIL refers to non-dioxin like PCBs only. Where PCB source is known, or suspected at a site, a site-specific assessment of exposure to all PCBs (inc dioxin like
#10 USEPA RSLs Industrial Soil THQ=1.0 (May 2024)
#11 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

2013, NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand
2013, NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil
CRC Care, CRC Care 2011 Table B3 Soil HSL Int. Main. Worker (Shallow Trench), Sand

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	16	<1	51	750	450	2.3
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	20	<1	56	830	531	2.7
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	<20	<20	<50	<50	190	120	310	<20	<20	92	130	222	11	0.5	34	280	180	4.2
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	<10	<10	<50	<50	230	130	360	<10	<50	130	160	290	10	<1	31	376	232	2.3
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	<10	<10	<50	<50	160	110	270	<10	<50	<100	120	120	<5	<1	8	28	55	2.3
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	<10	<10	<50	<50	160	130	290	<10	<50	<100	150	150	5	<1	16	67	90	3.1
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16	87	44	6.6
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	10	<1	32	70	136	4.1
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	<25	<25	<50	<50	320	230	550	<25	<50	140	280	420	5	<0.4	16	40	70	3.4
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	<10	<10	<50	<50	400	330	730	<10	<50	180	370	550	9	<1	19	168	80	0.8
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	22	23	<0.1
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	5	9	9	0.2
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	13	17	20	<0.1
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	6	15	18	<0.1
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	101	310	360	0.2
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	6	<1	101	340	398	0.3
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	183	172	800	810	12,600	3,060	16,500	88	240	9,130	5,310	14,700	<5	<1	29	112	169	<0.1
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	133	124	1,520	1,520	22,100	5,700	29,300	69	560	16,100	9,060	25,700	<5	<1	36	114	130	<0.1
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	10	24	12	<0.1
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	9	32	17	<0.1
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	<10	<10	1,190	1,190	5,110	350	6,650	<10	460	5,570	400	6,430	<5	<1	11	9	11	0.2
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	<10	<10	<50	<50	220	<100	220	<10	<50	170	<100	170	<5	<1	18	38	44	0.2
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	<10	<10	<50	<50	240	210	450	<10	<50	<100	230	230	<5	1	48	312	203	<0.1
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	13	20	<0.1
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	<5	<5	<0.1
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	38	215	171	0.1
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	<2	<5	<5	<0.1
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	36	150	137	0.2
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5	<0.1
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	3	<5	<5	<0.1
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	7	<5	<5	<0.1
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	16	96	70	0.2
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	<10	<10	<50	<50	<100	110	110	<10	<50	<100	<100	<50	<5	<1	11	12	18	<0.1
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	4	<5	<5	<0.1
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	<10	<10	<50	<50	<100	<100	<50	<10	<50	<100	<100	<50	<5	<1	2	<5	<5	<0.1
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	5,580	3,870	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	<10	<10	340	340	3,140	460	3,940	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	<10	<10	70	70	1,010	180	1,260	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	<10	<10	<50	<50	2,060	350	2,410	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	<5	<1	6	<5	16	<0.1
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	<10	<10	<50	<50	240	<100	240	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	<10	<10	120	120	820	<100	940	-	-	-	-	-	<5	<1	10	<5	<5	<0.1

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP05_T2**	**TP05_0.5_T2**	**01 Aug 2018**	**Normal**	<10	<10	<50	<50	4,610	2,920	7,530	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP06_T2**	**TP06_0.4_T2**	**01 Aug 2018**	**Normal**	<10	<10	16,700	16,700	***113,000***	20,800	150,000	-	-	-	-	-	<5	<1	4	11	7	<0.1
DU16	**WSP2018_TP06_T2**	**TP06_0.5_T2**	**01 Aug 2018**	**Normal**	<10	<10	<50	<50	160	<100	160	-	-	-	-	-	<5	<1	2	<5	<5	<0.1
DU16	**WSP2018_TP07_T2**	**TP07_0.5_T2**	**01 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**TP08_0.1_T2**	**01 Aug 2018**	**Normal**	251	248	<50	<50	2,100	4,000	6,100	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP08_T2**	**TP08_0.5_T2**	**01 Aug 2018**	**Normal**	265	248	<110	<110	6,510	8,290	14,800	-	-	-	-	-	<5	<1	12	65	44	0.2
DU16	**WSP2018_TP09_T2**	**TP09_0.5_T2**	**01 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP10_T2**	**TP10_0.1_T2**	**01 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	<5	7	<0.1
DU16	**WSP2018_TP10_T2**	**TP10_1.7_T2**	**01 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP11_T2**	**TP11_0.5_T2**	**01 Aug 2018**	**Normal**	<10	<10	<50	<50	870	430	1,300	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP12_T2**	**TP12_0.1_T2**	**01 Aug 2018**	**Normal**	<10	<10	2,500	2,500	5,150	350	8,000	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP13_T2**	**TP13_0.1_T2**	**02 Aug 2018**	**Normal**	<10	<10	140	140	1,200	800	2,140	-	-	-	-	-	<5	<1	53	35	8	0.1
DU16	**WSP2018_TP13_T2**	**TP13_2.0_T2**	**02 Aug 2018**	**Normal**	68	66	300	300	<100	<100	300	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP14_T2**	**TP14_0.5_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**TP15_0.1_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	130	<100	130	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP15_T2**	**TP15_1.0_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	<5	<5	<0.1
DU16	**WSP2018_TP16_T2**	**TP16_1.0_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP16_T2**	**TP16_2.2_T2**	**02 Aug 2018**	**Normal**	<10	<10	680	680	650	<100	1,330	-	-	-	-	-	<5	<1	5	26	63	<0.1
DU16	**WSP2018_TP17_T2**	**TP17_2.2_T2**	**02 Aug 2018**	**Normal**	52	50	3,650	3,650	3,630	<100	7,280	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP18_T2**	**TP18_0.5_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP18_T2**	**TP18_2.1_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP19_T2**	**TP19_0.1_T2**	**02 Aug 2018**	**Normal**	11	11	<50	<50	390	100	490	-	-	-	-	-	<5	<1	40	66	98	0.4
DU16	**WSP2018_TP19_T2**	**TP19_2.1_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	610	<100	610	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	**WSP2018_TP20_T2**	**TP20_0.5_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP20_T2**	**TP20_1.0_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP21_T2**	**TP21_0.1_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	400	<100	400	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP21_T2**	**TP21_2.0_T2**	**02 Aug 2018**	**Normal**	<10	<10	50	50	920	<100	970	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP22_T2**	**TP22_0.5_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP22_T2**	**TP22_2.1_T2**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP23_T3**	**TP23_0.1_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	2,520	910	3,430	-	-	-	-	-	12	<1	48	705	440	0.1
DU16	**WSP2018_TP24_T3**	**TP24_0.1_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	260	130	390	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP24_T3**	**TP24_1.9_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	<5	<5	<0.1
DU16	**WSP2018_TP25_T3**	**TP25_0.5_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**TP26_0.1_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	900	590	1,490	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP26_T3**	**TP26_1.0_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	5	<5	<5	<0.1
DU16	**WSP2018_TP27_T3**	**TP27_0.1_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	6	<1	54	41	33	<0.1
DU16	**WSP2018_TP27_T3**	**TP27_2.0_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP28_T3**	**TP28_0.5_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**TP29_0.2_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP29_T3**	**TP29_0.5_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP30_T3**	**TP30_0.5_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP30_T3**	**TP30_2.0_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	5	<5	<5	<0.1
DU16	**WSP2018_TP31_T3**	**TP31_0.5_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP31_T3**	**TP31_2.2_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP32_T3**	**TP32_0.5_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP32_T3**	**TP32_1.0_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP33_T3**	**TP33_0.2_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	7	10	13	<0.1
DU16	**WSP2018_TP33_T3**	**TP33_1.9_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**TP34_0.1_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	110	130	240	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP34_T3**	**TP34_2.4_T3**	**02 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	<2	<5	<5	<0.1
DU16	**WSP2018_TP35_T3**	**TP35_1.0_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP36_T3**	**TP36_0.5_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons						Metals					
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					10	10	50	50	100	100	50	10	20	50	50	50	2	0.4	1	1	1	0.1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					700[#1]			1,000[#1]	3,500	10,000												
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**26,000**			**20,000**	**27,000**	**38,000**												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*82,000*			*62,000*	*85,000*	*120,000*												
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	6	<1	42	108	231	<0.1
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	2	<5	<5	<0.1
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	520	210	730	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	<100	<100	<50	-	-	-	-	-	<5	<1	4	11	20	<0.1
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	<10	<10	<50	<50	2,020	510	2,530	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	<10	<10	670	670	11,300	2,670	14,600	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	<10	<10	110	110	2,890	450	3,450	-	-	-	-	-	<5	<1	3	<5	<5	<0.1
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	<10	<10	80	80	1,440	350	1,870	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Monocyclic Aromatic Hydrocarbons										
			Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**430**	**99,000**	**27,000**			**81,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*1,100*	*120,000*	*85,000*			*130,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	21	2,690	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	28	3,550	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	22	1,200	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5	<0.5	-	-	-	-	-	<0.5	<0.5	<0.5
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	21	1,410	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	9	85	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	15	526	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	24	182	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	26	336	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	14	300	<0.2	<0.5	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	14	698	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	10	93	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	5	32	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	3	167	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	9	69	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	23	2,490	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	30	2,860	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	11	897	<0.2	<0.5	1.8	8.6	1.1	9.7	<0.5	1.5	<0.5	4.5	1.5	<0.5	<0.5	180	22.2	-
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	14	780	<0.2	<0.5	1.6	6.9	0.7	7.6	<0.5	1.3	<0.5	4.0	0.9	<0.5	<0.5	154	6.2	-
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	20	82	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	16	96	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	4	27	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	16	148	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	16	2,360	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	<2	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	2	134	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	3	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	17	1,140	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	16	1,150	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	5	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	<2	5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	5	23	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	32	605	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	6	40	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	<2	<5	<1	208	211	982	313	1,300	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	2	48	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	<2	26	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

													Monocyclic Aromatic Hydrocarbons												
			Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**430**	**99,000**	**27,000**			**81,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*1,100*	*120,000*	*85,000*			*130,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	<2	59	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	<2	62	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	3.2	<0.5	3.2	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	4	502	1.6	1.5	2.2	10.1	1.4	11.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	<2	49	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	40	110	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	1.5	<0.5	1.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	2	29	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	<2	421	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	1.6	<0.5	1.6	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	12	639	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	<2	20	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	27	2,830	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	<2	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	4	6	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	6	328	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	<2	23	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	<2	18	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	2	94	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

											Monocyclic Aromatic Hydrocarbons											
			Nickel	Zinc	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			1	1	0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)					**430**	**99,000**	**27,000**			**81,000**										
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)					*1,100*	*120,000*	*85,000*			*130,000*										
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	20	1,570	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	<2	<5	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	7	7	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	2	182	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	<2	11	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

															Polynuclear Aromatic Hydrocarbons							
					Total BTEX	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b-j) & Benzo(k)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)										11,000												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	-	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	-	<0.05	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	-	-	<0.2	<0.05
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	11.5	-	0.6	<0.5	1.2	13.8	<0.5	<0.5	<0.5	<0.5	7	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	9.2	-	0.6	<0.5	1.2	14.7	<0.5	<0.5	<0.5	<0.5	4	1.2	0.9	<0.5	<0.5	<0.5	-	<0.5
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	0.8	<0.5	<0.5	<0.5	-	<0.5
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	<0.2	-	0.6	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	2.7	-	-	-	-	-	0.7	-	-	-	-	-	<0.5
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Polynuclear Aromatic Hydrocarbons							
					Total BTEX	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b-j) & Benzo(k)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)										**11,000**												
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	21.9	-	-	-	-	-	192	-	-	-	-	-	68.8
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	1.2	-	-	-	-	-	<0.5
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	1.3	-	-	-	-	-	<0.5
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	2.6	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	41.8	-	-	-	-	-	<0.5
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

														Polynuclear Aromatic Hydrocarbons							
					Total BTEX	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(a)pyrene TEQ calc(PQL)	Naphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz[a]anthracene	Benzo(k)fluoranthene	Benzo(b&j)fluoranthene	Benzo(b-j) & Benzo(k)fluoranthene	Benzo(a)pyrene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.05	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.5	0.5	0.2	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)										**11,000**											
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5	-	-	-	-	-	<0.5
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	9.9	-	-	-	-	-	0.9
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	2.1	-	-	-	-	-	<0.5
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<0.5	-	-	-	-	-	1.6	-	-	-	-	-	<0.5

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																				Phenolic Compounds		
					Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	-	2.1	1.2	<0.5	<0.5	<0.5	17.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	-	3.6	2.0	<0.5	<0.5	<0.5	22.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	-	0.9	4.5	<0.5	<0.5	<0.5	6.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	0.6	-	-	-	-	-	3.4	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	0.6	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																			Phenolic Compounds			
					Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	15.3	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	68.8	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

																				Phenolic Compounds		
				Benzo(a)pyrene TEQ (half LOR)	Chrysene	Pyrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.1	0.1	0.1	0.1	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	24.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls								Chlorinated Hydrocarbons		Sulfonated Compounds			
								Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide			
			4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Phenols													
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
EQL			2	1	0.2	4	4		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	-	<2	-	-	-	-	2.2	-	-	-	-	-	-	-	-	-	<0.5	
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	-	<2	-	-	-	-	3.0	-	-	-	-	-	-	-	-	-	<0.5	
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<0.5	
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	-	<2	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	-	<2	-	-	-	-	0.9	-	-	-	-	-	-	-	-	-	<0.5	
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	-	<2	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	<0.5	
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	-	<2	-	-	-	-	4.7	-	-	-	-	-	-	-	-	-	<0.5	
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	-	<2	-	-	-	-	2.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	<2	<1	<0.2	<4	<4	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	-	<2	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	-	<2	-	-	-	-	<0.2[#2]	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	-	<2	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-	<0.5	
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls								Chlorinated Hydrocarbons		Sulfonated Compounds
								4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Phenols	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								2	1	0.2	4	4		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																								
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																								
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																				
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Polychlorinated Biphenyls								Chlorinated Hydrocarbons		Sulfonated Compounds
							4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	4-Nitrophenol	Phenols	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Chlorinated hydrocarbons (sum)	Other chlorinated hydrocarbons (sum)	Carbon disulfide
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							2	1	0.2	4	4		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	<8	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

						Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																							
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																							
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																			
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	<0.5	<0.5	<5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	-	<0.5	<0.5	<0.5
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	-	<0.1	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	<0.1
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	-	-	-	-	-	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	-	-	-	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	-	-	-	-	-	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	-	-	-	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	-	-	-	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	<0.05	<0.05
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Bolstar (Sulprofos)	Mevinphos (Phosdrin)	Omethoate	Pirimiphos-methyl	Pyrazophos	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.2	0.1	2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																	
					Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<0.5	<0.5	<0.5	<0.5	-	-
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	<0.1	-	-
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	-	-	<0.25[#2]	-	<0.25[#2]	-	-	<0.25[#2]	<0.25[#2]	-	-	<1.0[#2]	-	<1.0[#2]	<1.0[#2]	-	<0.25[#2]	<0.25[#2]
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	-	-	<0.25[#2]	-	<0.25[#2]	-	-	<0.25[#2]	<0.25[#2]	-	-	<1.0[#2]	-	<1.0[#2]	<1.0[#2]	-	<0.25[#2]	<0.25[#2]
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	-	-	<0.25[#2]	-	<0.25[#2]	-	-	<0.25[#2]	<0.25[#2]	-	-	<1[#2]	-	<1[#2]	<1[#2]	-	<0.25[#2]	<0.25[#2]
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	-	-	<0.05	-	<0.05	-	-	<0.05	<0.05	-	-	<0.2	-	<0.2	<0.2	-	<0.05	<0.05
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																	
					Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organophosphorus Pesticides (OP)																	
					Disulfoton	EPN	Ethion	Ethoprop	Fenamiphos	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methidathion	Monocrotophos	Naled (Dibrom)	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.05	0.2	0.05	0.1	0.2	0.05	0.05	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																									
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																					
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<1	<0.5	<0.5
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	<0.1	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	-	-	-	-	-	-	<0.25[#2]	<0.25[#2]	<0.08[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.08[#2]	<0.25[#2]	<0.25[#2]
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	-	-	-	-	-	-	<0.25[#2]	<0.25[#2]	<0.08[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.08[#2]	<0.25[#2]	<0.25[#2]
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	-	<0.25[#2]	<0.25[#2]	<0.08[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.08[#2]	<0.25[#2]	<0.25[#2]
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

								Ronnel	Trichloronate	Phosalone	Terbufos	Tetrachlorvinphos	Tokuthion	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.1	0.2	0.1	0.2	0.2	0.2	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																									
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																									
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																					
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																
					DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	-	<1	<1	<0.5
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<1
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	<1.0[#2]	<0.08[#2]	<0.15[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<1.0[#2]	-	-	-	-	<0.5
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	<1.0[#2]	<0.08[#2]	<0.15[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<1.0[#2]	-	-	-	-	<0.5
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	<1[#2]	<0.08[#2]	<0.15[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<0.25[#2]	<1[#2]	-	-	-	-	<0.5
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	-	-	-	-	<0.5
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																
					DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Organochlorine Pesticides (OC)																
					DDT	DDT+DDE+DDD	Endosulfan	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Toxaphene	Mirex	Organochlorine pesticides (sum)	Other organochlorine pesticides (sum)	Bromobenzene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.1	0.1	0.1	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																					
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																					
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																	
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aromatic Compounds																	
					Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	-
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<5	<5	<5	<5	<5	<5	<0.5	<0.5
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aromatic Compounds																		
					Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aromatic Compounds																	
					Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds																	
					1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	<1	<1	-
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds																		
					1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Halogenated Aliphatic Compounds																		
					1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Dichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Trihalomethanes				Fumigants					Oxygenated Compounds					Physio-C Paran
					Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.3
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.4
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	21
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	21.7
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	24.6
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.1
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	20.5
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.9
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	18.2
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.4
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.3
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	11.2
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	10.6
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.4
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7.3
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	15.3
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	16.0
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	7
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	10.5
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	4.7
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	3.4
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.8
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	3.3
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	17.9
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.5
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.4
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	17.9
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	2.1
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	2.2
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	6.9
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	8.8
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.8
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<5	<5	<5	<5	5.3
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Trihalomethanes				Fumigants					Oxygenated Compounds					Physio-C Paran
					Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					Trihalomethanes				Fumigants					Oxygenated Compounds					Physio-C Paran
					Pentachloroethane	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Moisture Content
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%
EQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5	0.5	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)																						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)																						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**																		
DU16	**WSP2018_TP37_T3**	**TP37_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP37_T3**	**TP37_2.1_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP38_T3**	**TP38_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP39_T3**	**TP39_1.8_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP40_T3**	**TP40_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP41_T3**	**TP41_1.0_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP42_T3**	**TP42_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP43_T3**	**TP43_2.3_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP44_T3**	**TP44_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.2_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_0.5_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DU16	**WSP2018_TP45_T3**	**TP45_1.7_T3**	**03 Aug 2018**	**Normal**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					hemical eters	Volatile Aliphatic Hydrocarbons
					Moisture Content (dried @ 103°C)	Cyclohexane
					%	mg/kg
EQL					1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**		
DU16	T415_TP04	535_T415_QC100_230331	31 Mar 2023	Field_D	-	-
DU16	T415_TP04	535_T415_TP04_0.1_230331	31 Mar 2023	Normal	-	-
DU16	T415_TP07	535_T415_QC200_230331	31 Mar 2023	Interlab_D	12	-
DU16	T415_TP07	535_T415_TP07_0.3_230331	31 Mar 2023	Normal	-	-
DU16	T415_TP12	535_T415_TP12_0.3_230330	30 Mar 2023	Normal	-	-
DU16	T415_TP16	535_T415_TP16_0.3_240123	23 Jan 2024	Normal	-	-
DU16	T415_TP26	535_T415_TP26_0.3_240123	23 Jan 2024	Normal	-	-
DU16	T415_TP30	535_T415_QC100_240123	23 Jan 2024	Field_D	-	-
DU16	T415_TP30	535_T415_QC200_240123	23 Jan 2024	Interlab_D	-	<1
DU16	T415_TP30	535_T415_TP30_0.1_240123	23 Jan 2024	Normal	-	-
DU16	TP01	535_EFT06_QC100_230906	06 Sep 2023	Field_D	-	-
DU16	TP01	535_ETF02_TP01_0.1	02 Aug 2023	Normal	-	-
DU16	TP01	535_ETF04_TP01_0.1_230809	09 Aug 2023	Normal	-	-
DU16	TP01	535_ETF06_TP01_0.1_230906	06 Sep 2023	Normal	-	-
DU16	TP02	535_ETF05_QC100_230816	16 Aug 2023	Field_D	-	-
DU16	TP02	535_ETF05_TP02_0.1_230816	16 Aug 2023	Normal	-	-
DU16	TP03	535_ETF01_QC100_230712	12 Jul 2023	Field_D	-	-
DU16	TP03	535_ETF01_TP03_0.3_230712	12 Jul 2023	Normal	-	-
DU16	TP05	535_ETF03_QC100_230802	02 Aug 2023	Field_D	-	-
DU16	TP05	535_ETF03_TP05_0.1_230802	02 Aug 2023	Normal	-	-
DU16	TP06	535_ETF02_TP06_0.3_230719	19 Jul 2023	Normal	-	-
DU16	TP11	535_ETF02_TP11_0.3_230719	19 Jul 2023	Normal	-	-
DU16	TP12	535_ETF04_TP12_0.3_230809	09 Aug 2023	Normal	-	-
DU16	TP12	535_ETF05_TP12_0.3_230816	16 Aug 2023	Normal	-	-
DU16	TP12	535_ETF06_TP12_0.3_230906	06 Sep 2023	Normal	-	-
DU16	TP13	535_ETF01_TP13_0.3_230712	12 Jul 2023	Normal	-	-
DU16	TP15	535_ETF03_TP15_0.3_230802	02 Aug 2023	Normal	-	-
DU16	TP18	535_ETF02_TP18_0.3_230719	19 Jul 2023	Normal	-	-
DU16	TP20	535_ETF04_TP20_0.3_230809	09 Aug 2023	Normal	-	-
DU16	TP21	535_ETF03_TP21_0.3_230802	02 Aug 2023	Normal	-	-
DU16	TP21	535_ETF05_TP21_0.3_230816	16 Aug 2023	Normal	-	-
DU16	TP22	535_ETF01_TP22_0.1_230712	12 Jul 2023	Normal	-	-
DU16	TP23	535_ETF06_TP23_0.3_230906	06 Sep 2023	Normal	-	-
DU16	TP24	535_ETF02_TP24_0.1_230719	19 Jul 2023	Normal	-	-
DU16	TP31	535_ETF02_QC100_230719	19 Jul 2023	Field_D	-	-
DU16	TP31	535_ETF02_TP31_0.3_230719	19 Jul 2023	Normal	-	-
DU16	WSP2018_BH01_AC	BH01_0.3_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH01_AC	BH01_1.0_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH01_AC	BH01_2.0_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH02_AC	BH02_0.2_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH03_AC	BH03_0.3_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH04_AC	BH04_0.3_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH05_AC	BH05_0.5_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH05_AC	BH05_2.0_AC	30 May 2018	Normal	-	-
DU16	WSP2018_BH05_AC	BH05_3.0_AC	30 May 2018	Normal	-	-
DU16	WSP2018_TP01_T2	TP01_0.1_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP01_T2	TP01_1.0_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP02_T2	TP02_0.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP02_T2	TP02_1.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP03_T2	TP03_0.1_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP04_T2	TP04_0.1_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP04_T2	TP04_2.1_T2	01 Aug 2018	Normal	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

					hemical eters	Volatile Aliphatic Hydrocarbons
					Moisture Content (dried @ 103°C)	Cyclohexane
					%	mg/kg
EQL					1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil						
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)						
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)						
Monitoring Zone	**Location Code**	**Field ID**	**Date**	**Sample Type**		
DU16	WSP2018_TP05_T2	TP05_0.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP06_T2	TP06_0.4_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP06_T2	TP06_0.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP07_T2	TP07_0.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP08_T2	TP08_0.1_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP08_T2	TP08_0.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP09_T2	TP09_0.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP10_T2	TP10_0.1_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP10_T2	TP10_1.7_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP11_T2	TP11_0.5_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP12_T2	TP12_0.1_T2	01 Aug 2018	Normal	-	-
DU16	WSP2018_TP13_T2	TP13_0.1_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP13_T2	TP13_2.0_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP14_T2	TP14_0.5_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP15_T2	TP15_0.1_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP15_T2	TP15_1.0_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP16_T2	TP16_1.0_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP16_T2	TP16_2.2_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP17_T2	TP17_2.2_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP18_T2	TP18_0.5_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP18_T2	TP18_2.1_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP19_T2	TP19_0.1_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP19_T2	TP19_2.1_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP20_T2	TP20_0.5_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP20_T2	TP20_1.0_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP21_T2	TP21_0.1_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP21_T2	TP21_2.0_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP22_T2	TP22_0.5_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP22_T2	TP22_2.1_T2	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP23_T3	TP23_0.1_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP24_T3	TP24_0.1_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP24_T3	TP24_1.9_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP25_T3	TP25_0.5_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP26_T3	TP26_0.1_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP26_T3	TP26_1.0_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP27_T3	TP27_0.1_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP27_T3	TP27_2.0_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP28_T3	TP28_0.5_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP29_T3	TP29_0.2_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP29_T3	TP29_0.5_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP30_T3	TP30_0.5_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP30_T3	TP30_2.0_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP31_T3	TP31_0.5_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP31_T3	TP31_2.2_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP32_T3	TP32_0.5_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP32_T3	TP32_1.0_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP33_T3	TP33_0.2_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP33_T3	TP33_1.9_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP34_T3	TP34_0.1_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP34_T3	TP34_2.4_T3	02 Aug 2018	Normal	-	-
DU16	WSP2018_TP35_T3	TP35_1.0_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP36_T3	TP36_0.5_T3	03 Aug 2018	Normal	-	-

DU16 - 1c: Soil Analytical Results – Direct Contact and Management Screening

	hemical eters	Volatile Aliphatic Hydrocarbons
	Moisture Content (dried @ 103°C)	Cyclohexane
	%	mg/kg
EQL	1	1
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil		
CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)		
CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)		

Monitoring Zone	Location Code	Field ID	Date	Sample Type		
DU16	WSP2018_TP37_T3	TP37_0.2_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP37_T3	TP37_2.1_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP38_T3	TP38_0.5_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP39_T3	TP39_0.2_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP39_T3	TP39_1.8_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP40_T3	TP40_0.5_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP40_T3	TP40_1.7_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP41_T3	TP41_1.0_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP42_T3	TP42_0.2_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP43_T3	TP43_0.2_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP43_T3	TP43_2.3_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP44_T3	TP44_0.5_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP45_T3	TP45_0.2_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP45_T3	TP45_0.5_T3	03 Aug 2018	Normal	-	-
DU16	WSP2018_TP45_T3	TP45_1.7_T3	03 Aug 2018	Normal	-	-

Comments

#1 Separate management limits for BTEX & naphthalene are not available hence should not be subtracted from the relevant fractions to obtain F1 & F2

#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards

NEPM, NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil

CRC Care, 2011, CRC Care 2011 Table B4 Soil HSL Direct Contact (HSL D Commercial / Industrial)

CRC Care, CRC Care 2011 Table B4 Soil HSL Direct Contact (Int. Main. Worker)

DU16 - 1d: Soil Analytical Results – PFAS Screening

					Per- and Poly-fluoroalkyl Substances													
					Perfluorobutane sulfonic acid (PFBS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.0002	0.0001	0.0001	0.001	0.0002	0.0002	0.0002	0.0001	0.0005	0.0001	0.0002	0.0005	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial						20[#1]	20[#1]					50					20	
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**														
DU16	T415_TP04	31 Mar 2023	535_T415_QC100_230331	Field_D	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.1_2303	Normal	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-
DU16	T415_TP07	31 Mar 2023	535_T415_QC200_230331	Interlab_D	-	<0.005	<0.005	-	-	-	-	<0.005	-	<0.01	-	-	<0.005	-
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.3_2303	Normal	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.3_2303	Normal	<0.0002	<0.0002	0.0007	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007	-
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.3_2401	Normal	<0.0002	0.0008	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0012	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.3_2401	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	T415_TP30	23 Jan 2024	535_T415_QC100_240123	Field_D	<0.0002	0.0003	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	-
DU16	T415_TP30	23 Jan 2024	535_T415_QC200_240123	Interlab_D	-	0.0009	0.0005	-	-	-	-	<0.0001	-	<0.0001	<0.0002	-	0.0013	0.0013
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.1_2401	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP01	02 Aug 2023	535_ETF02_TP01_0.1	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP01	09 Aug 2023	535_ETF04_TP01_0.1_230	Normal	<0.0002	<0.0002	0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0002	-
DU16	TP01	06 Sep 2023	535_EFT06_QC100_23090	Field_D	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-
DU16	TP01	06 Sep 2023	535_ETF06_TP01_0.1_230	Normal	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-
DU16	TP02	16 Aug 2023	535_ETF05_QC100_23081	Field_D	0.0002	0.0076	0.0662	<0.001	0.0004	0.0006	0.0005	0.0017	<0.0005	<0.0005	0.0052	0.0007	0.0738	-
DU16	TP02	16 Aug 2023	535_ETF05_TP02_0.1_230	Normal	0.0003	0.0083	0.104	<0.001	0.0004	0.0007	0.0005	0.0015	<0.0005	<0.0005	0.0081	0.0013	0.112	-
DU16	TP03	12 Jul 2023	535_ETF01_QC100_23071	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP03	12 Jul 2023	535_ETF01_TP03_0.3_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	0.0007	<0.0005	<0.0002	-
DU16	TP05	02 Aug 2023	535_ETF03_QC100_23080	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP05	02 Aug 2023	535_ETF03_TP05_0.1_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP06	19 Jul 2023	535_ETF02_TP06_0.3_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.0005	<0.0005	0.0015	<0.0005	<0.0002	-
DU16	TP11	19 Jul 2023	535_ETF02_TP11_0.3_230	Normal	<0.0002	<0.0002	0.0006	<0.001	<0.0002	<0.0002	0.0002	0.0004	<0.0005	<0.0005	<0.0005	<0.0005	0.0006	-
DU16	TP12	09 Aug 2023	535_ETF04_TP12_0.3_230	Normal	<0.0002	<0.0002	0.0004	<0.001	<0.0002	0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-
DU16	TP12	16 Aug 2023	535_ETF05_TP12_0.3_230	Normal	<0.0002	0.0052	0.217	<0.001	0.0003	0.0007	0.0014	0.0063	<0.0005	<0.0005	0.0149	<0.0005	0.222	-
DU16	TP12	06 Sep 2023	535_ETF06_TP12_0.3_230	Normal	<0.0002	<0.0002	0.0003	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0003	-
DU16	TP13	12 Jul 2023	535_ETF01_TP13_0.3_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP15	02 Aug 2023	535_ETF03_TP15_0.3_230	Normal	<0.0002	<0.0002	0.0009	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	0.0032	<0.0005	0.0009	-
DU16	TP18	19 Jul 2023	535_ETF02_TP18_0.3_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP20	09 Aug 2023	535_ETF04_TP20_0.3_230	Normal	<0.0002	0.0003	0.0026	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0029	-
DU16	TP21	02 Aug 2023	535_ETF03_TP21_0.3_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP21	16 Aug 2023	535_ETF05_TP21_0.3_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP22	12 Jul 2023	535_ETF01_TP22_0.1_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP23	06 Sep 2023	535_ETF06_TP23_0.3_230	Normal	<0.0002	<0.0002	0.0004	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0004	-
DU16	TP24	19 Jul 2023	535_ETF02_TP24_0.1_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP31	19 Jul 2023	535_ETF02_QC100_23071	Field_D	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-
DU16	TP31	19 Jul 2023	535_ETF02_TP31_0.3_230	Normal	<0.0002	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0002	-

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

DU16 - 1d: Soil Analytical Results – PFAS Screening

	Per- and Poly-fluoroalkyl Substances													
	Perfluorobutane sulfonic acid (PFBS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum (PFHxS + PFOS)	Sum of PFAS
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0002	0.0001	0.0001	0.001	0.0002	0.0002	0.0002	0.0001	0.0005	0.0001	0.0002	0.0005	0.0001	0.0001
PFAS NEMP 2025 HIL D Industrial/commercial		20[#1]	20[#1]					50					20	

Monitoring Zone **Location Code** **Date** **Field ID** **Sample Type**

Environmental Standards

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU16 - 1d: Soil Analytical Results – PFAS Screening

					Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
					mg/kg	mg/kg
EQL					0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial						
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**		
DU16	T415_TP04	31 Mar 2023	535_T415_QC100_230331	Field_D	0.0003	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.1_2303	Normal	0.0002	-
DU16	T415_TP07	31 Mar 2023	535_T415_QC200_230331	Interlab_D	-	<0.005
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.3_2303	Normal	0.0002	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.3_2303	Normal	0.0007	-
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.3_2401	Normal	0.0012	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.3_2401	Normal	<0.0002	-
DU16	T415_TP30	23 Jan 2024	535_T415_QC100_240123	Field_D	0.0005	-
DU16	T415_TP30	23 Jan 2024	535_T415_QC200_240123	Interlab_D	-	-
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.1_2401	Normal	<0.0002	-
DU16	TP01	02 Aug 2023	535_ETF02_TP01_0.1	Normal	<0.0002	-
DU16	TP01	09 Aug 2023	535_ETF04_TP01_0.1_230	Normal	0.0002	-
DU16	TP01	06 Sep 2023	535_EFT06_QC100_23090	Field_D	0.0003	-
DU16	TP01	06 Sep 2023	535_ETF06_TP01_0.1_230	Normal	0.0003	-
DU16	TP02	16 Aug 2023	535_ETF05_QC100_23081	Field_D	0.0824	-
DU16	TP02	16 Aug 2023	535_ETF05_TP02_0.1_230	Normal	0.124	-
DU16	TP03	12 Jul 2023	535_ETF01_QC100_23071	Field_D	<0.0002	-
DU16	TP03	12 Jul 2023	535_ETF01_TP03_0.3_230	Normal	0.0007	-
DU16	TP05	02 Aug 2023	535_ETF03_QC100_23080	Field_D	<0.0002	-
DU16	TP05	02 Aug 2023	535_ETF03_TP05_0.1_230	Normal	<0.0002	-
DU16	TP06	19 Jul 2023	535_ETF02_TP06_0.3_230	Normal	0.0017	-
DU16	TP11	19 Jul 2023	535_ETF02_TP11_0.3_230	Normal	0.0012	-
DU16	TP12	09 Aug 2023	535_ETF04_TP12_0.3_230	Normal	0.0006	-
DU16	TP12	16 Aug 2023	535_ETF05_TP12_0.3_230	Normal	0.246	-
DU16	TP12	06 Sep 2023	535_ETF06_TP12_0.3_230	Normal	0.0003	-
DU16	TP13	12 Jul 2023	535_ETF01_TP13_0.3_230	Normal	<0.0002	-
DU16	TP15	02 Aug 2023	535_ETF03_TP15_0.3_230	Normal	0.0041	-
DU16	TP18	19 Jul 2023	535_ETF02_TP18_0.3_230	Normal	<0.0002	-
DU16	TP20	09 Aug 2023	535_ETF04_TP20_0.3_230	Normal	0.0029	-
DU16	TP21	02 Aug 2023	535_ETF03_TP21_0.3_230	Normal	<0.0002	-
DU16	TP21	16 Aug 2023	535_ETF05_TP21_0.3_230	Normal	<0.0002	-
DU16	TP22	12 Jul 2023	535_ETF01_TP22_0.1_230	Normal	<0.0002	-
DU16	TP23	06 Sep 2023	535_ETF06_TP23_0.3_230	Normal	0.0004	-
DU16	TP24	19 Jul 2023	535_ETF02_TP24_0.1_230	Normal	<0.0002	-
DU16	TP31	19 Jul 2023	535_ETF02_QC100_23071	Field_D	<0.0002	-
DU16	TP31	19 Jul 2023	535_ETF02_TP31_0.3_230	Normal	<0.0002	-

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS

DU16 - 1d: Soil Analytical Results – PFAS Screening

	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
	mg/kg	mg/kg
EQL	0.0002	0.005
PFAS NEMP 2025 HIL D Industrial/commercial		

Monitoring Zone	Location Code	Date	Field ID	Sample Type
Environmental Standards				

HEPA, March 2025, PFAS NEMP 2025 HIL D Industrial/commercial

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos													
					Asbestos (<7mm AF/FA)	Asbestos Detected	Asbestos (ACM >7mm) Estimation		Friable Asbestos (FA & AF)	Asbestos fibres		Asbestos Type		Organic Fibre		Asbestos (Trace)	
					g	-	g	%(w/w)	% (w/w)	%ww	-	g/kg	--	--	g/kg	Fibres	-
EQL					0.0004		0.0004	0.01	0.001		0.1	0.1				5	
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								0.05	0.001	0.001							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	T415_TP01	30 Mar 2023	535_T415_TP01_0.1_230330	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	0[#2]	-
DU16	T415_TP01	30 Mar 2023	535_T415_TP01_0.3_230330	Normal	0.0096	-	<0.0004	-	0.001	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP01	31 Mar 2023	535_T415_TP01_0.1-AS001_23033	Normal	-	-	-	-	-	-	0[#2]	-	1[#3]	-	0[#2]	0[#2]	-
DU16	T415_TP02	30 Mar 2023	535_T415_TP02_0.1_230330	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	1[#7]	-	0[#2]	-
DU16	T415_TP02	30 Mar 2023	535_T415_TP02_0.3_230330	Normal	0.0710	-	<0.0004	-	0.008	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP02	31 Mar 2023	535_T415_TP02_0.0-AS003_23033	Normal	-	-	-	-	-	-	0[#2]	-	1[#3]	-	0[#2]	0[#2]	-
DU16	T415_TP02	31 Mar 2023	535_T415_TP02_0.1-AS002_23033	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	1[#9]	-
DU16	T415_TP03	30 Mar 2023	535_T415_TP03_0.1_230330	Normal	0.0113	-	<0.0004	-	0.002	-	0[#4]	-	1[#8]	1[#7]	-	0[#2]	-
DU16	T415_TP03	30 Mar 2023	535_T415_TP03_0.3_230330	Normal	0.0925	-	<0.0004	-	0.014	-	1[#7]	-	1[#5]	1[#7]	-	0[#2]	-
DU16	T415_TP03	31 Mar 2023	535_T415_TP03_0.0-AS004_23033	Normal	-	-	-	-	-	-	0[#2]	-	1[#3]	-	0[#2]	0[#2]	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.1_230331	Normal	0.0619	-	<0.0004	-	0.008	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.3_230331	Normal	0.0844	-	<0.0004	-	0.012	-	1[#7]	-	1[#10]	0[#2]	-	0[#2]	-
DU16	T415_TP05	30 Mar 2023	535_T415_TP05_0.1_230330	Normal	0.0032	-	<0.0004	-	<0.001	-	1[#3]	-	1[#3]	0[#2]	-	0[#2]	-
DU16	T415_TP05	30 Mar 2023	535_T415_TP05_0.3_230330	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	1[#7]	-	0[#2]	-
DU16	T415_TP05	31 Mar 2023	535_T415_TP05_0.0-AS005_23033	Normal	-	-	-	-	-	-	0[#2]	-	1[#3]	-	0[#2]	0[#2]	-
DU16	T415_TP06	30 Mar 2023	535_T415_TP06_0.1_230330	Normal	0.0086	-	<0.0004	-	0.001	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP06	30 Mar 2023	535_T415_TP06_0.3_230330	Normal	0.0666	-	<0.0004	-	0.009	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.1_230331	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	1[#7]	-	0[#2]	-
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.3_230331	Normal	0.0008	-	<0.0004	-	<0.001	-	0[#4]	-	1[#11]	1[#7]	-	0[#2]	-
DU16	T415_TP08	30 Mar 2023	535_T415_TP08_0.1_230330	Normal	0.0351	-	<0.0004	-	0.006	-	0[#4]	-	1[#5]	1[#7]	-	0[#2]	-
DU16	T415_TP08	30 Mar 2023	535_T415_TP08_0.3_230330	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	0[#2]	-
DU16	T415_TP09	30 Mar 2023	535_T415_TP09_0.1_230330	Normal	0.002	-	<0.0004	-	<0.001	-	0[#4]	-	1[#8]	0[#2]	-	0[#2]	-
DU16	T415_TP09	30 Mar 2023	535_T415_TP09_0.3_230330	Normal	0.0099	-	<0.0004	-	0.002	-	0[#4]	-	1[#5]	1[#7]	-	0[#2]	-
DU16	T415_TP10	30 Mar 2023	535_T415_TP10_0.1_230330	Normal	0.058	-	<0.0004	-	0.010	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP10	30 Mar 2023	535_T415_TP10_0.3_230330	Normal	0.0044	-	<0.0004	-	<0.001	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP11	30 Mar 2023	535_T415_TP11_0.1_230330	Normal	0.0044	-	<0.0004	-	<0.001	-	0[#4]	-	1[#11]	0[#2]	-	0[#2]	-
DU16	T415_TP11	30 Mar 2023	535_T415_TP11_0.3_230330	Normal	0.0038	-	<0.0004	-	<0.001	-	0[#4]	-	1[#11]	0[#2]	-	0[#2]	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.1_230330	Normal	0.0372	-	<0.0004	-	0.007	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.3_230330		0.0219	-	<0.0004	-	0.004	-	0[#4]	-	1[#5]	0[#2]	-	0[#2]	-
DU16	T415_TP13	23 Jan 2024	535_T415_TP13_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP13	23 Jan 2024	535_T415_TP13_0.3	Normal	0.0416	-	-	<0.01	0.0044	-	0	<0.1	-	-	-	-	-
DU16	T415_TP14	23 Jan 2024	535_T415_TP14_0.0_AS001	Normal	-	-	-	-	-	-	1[#7]	-	1[#5]	-	0[#2]	-	1[#9]
DU16	T415_TP14	23 Jan 2024	535_T415_TP14_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP14	23 Jan 2024	535_T415_TP14_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP15	23 Jan 2024	535_T415_TP15_0.0_AS003	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP15	23 Jan 2024	535_T415_TP15_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP15	23 Jan 2024	535_T415_TP15_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos													
					Asbestos (<7mm AF/FA)	Asbestos Detected	Asbestos (ACM >7mm) Estimation		Friable Asbestos (FA & AF)	Asbestos fibres		Asbestos Type		Organic Fibre		Asbestos (Trace)	
					g	-	g	%(w/w)	% (w/w)	%ww	-	g/kg	--	--	g/kg	Fibres	-
EQL					0.0004		0.0004	0.01	0.001		0.1	0.1				5	
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								0.05	0.001	0.001							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.3	Normal	0.0138	-	-	<0.01	0.0015	-	0	<0.1	-	-	-	-	-
DU16	T415_TP17	23 Jan 2024	535_T415_TP17_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP17	23 Jan 2024	535_T415_TP17_0.3	Normal	0.0064	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP18	23 Jan 2024	535_T415_TP18_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP18	23 Jan 2024	535_T415_TP18_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP19	23 Jan 2024	535_T415_TP19_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP19	23 Jan 2024	535_T415_TP19_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP20	23 Jan 2024	535_T415_TP20_0.0_AS004	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP20	23 Jan 2024	535_T415_TP20_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP20	23 Jan 2024	535_T415_TP20_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP21	23 Jan 2024	535_T415_TP21_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP21	23 Jan 2024	535_T415_TP21_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP22	23 Jan 2024	535_T415_TP22_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP22	23 Jan 2024	535_T415_TP22_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP23	23 Jan 2024	535_T415_TP23_0.0_AS009	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP23	23 Jan 2024	535_T415_TP23_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP23	23 Jan 2024	535_T415_TP23_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP24	23 Jan 2024	535_T415_TP24_0.0_AS008	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP24	23 Jan 2024	535_T415_TP24_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP24	23 Jan 2024	535_T415_TP24_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP25	23 Jan 2024	535_T415_TP25_0.0_AS005	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP25	23 Jan 2024	535_T415_TP25_0.1	Normal	0.0008	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP25	23 Jan 2024	535_T415_TP25_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.3	Normal	0.2129	-	-	<0.01	0.0248	-	1[#14]	0.2483	-	-	-	-	-
DU16	T415_TP27	23 Jan 2024	535_T415_TP27_0.0_AS006	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP27	23 Jan 2024	535_T415_TP27_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP27	23 Jan 2024	535_T415_TP27_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP28	23 Jan 2024	535_T415_TP28_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP28	23 Jan 2024	535_T415_TP28_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.0_AS002	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.0_AS007	Normal	-	-	-	-	-	-	1[#7]	-	1[#8]	-	0[#2]	-	1[#9]
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos													
					Asbestos (<7mm AF/FA)	Asbestos Detected	Asbestos (ACM >7mm) Estimation		Friable Asbestos (FA & AF)	Asbestos fibres		Asbestos Type		Organic Fibre		Asbestos (Trace)	
					g	-	g	%(w/w)	% (w/w)	%ww	-	g/kg	--	--	g/kg	Fibres	-
EQL					0.0004		0.0004	0.01	0.001		0.1	0.1				5	
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								0.05	0.001	0.001							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	T415_TP31	23 Jan 2024	535_T415_TP31_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP31	23 Jan 2024	535_T415_TP31_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP32	23 Jan 2024	535_T415_TP32_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP32	23 Jan 2024	535_T415_TP32_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP33	23 Jan 2024	535_T415_TP33_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP33	23 Jan 2024	535_T415_TP33_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP34	23 Jan 2024	535_T415_TP34_0.1	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	T415_TP34	23 Jan 2024	535_T415_TP34_0.3	Normal	0[#12]	-	-	<0.01	<0.001	-	0	<0.1	-	-	-	-	-
DU16	TP01	06 Jul 2023	535_T611_TP01_0.1_230706	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP01	02 Aug 2023	535_ETF02_TP01_0.1	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP01	09 Aug 2023	535_ETF04_TP01_0.1_230809	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP01	06 Sep 2023	535_ETF06_TP01_0.1_230906	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP02	16 Aug 2023	535_ETF05_TP02_0.1_230816	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP03	12 Jul 2023	535_ETF01_TP03_0.3_230712	Normal	0.0004	-	<0.0004	-	<0.001	-	0[#4]	-	1[#11]	0[#2]	-	-	0[#2]
DU16	TP05	02 Aug 2023	535_ETF03_TP05_0.1_230802	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP05	13 Sep 2023	535_NTF01_TP05_0.1_230913	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP06	06 Jul 2023	535_T611_TP06_0.3_230706	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP06	19 Jul 2023	535_ETF02_TP06_0.3_230719	Normal	0.2	-	<0.0004	-	0.032	-	1[#7]	-	1[#11]	0[#2]	-	-	0[#2]
DU16	TP09	13 Sep 2023	535_NTF01_TP09_0.3_230913	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP10	06 Jul 2023	535_T611_TP10_0.3_230706	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP12	16 Aug 2023	535_ETF05_TP12_0.3_230816	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP12	06 Sep 2023	535_ETF06_TP12_0.3_230906	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP16	20 Sep 2023	535_NTF02_TP16_0.1_230920	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP21	02 Aug 2023	535_ETF03_TP21_0.3_230802	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP21	16 Aug 2023	535_ETF05_TP21_0.3_230816	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP22	12 Jul 2023	535_ETF01_TP22_0.1_230712	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP23	06 Sep 2023	535_ETF06_TP23_0.3_230906	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP24	19 Jul 2023	535_ETF02_TP24_0.1_230719	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	TP25	20 Sep 2023	535_NTF02_TP25_0.3_230920	Normal	<0.0004	-	<0.0004	-	<0.001	-	0[#2]	-	1[#3]	0[#2]	-	-	0[#2]
DU16	WSP2018_BH01_AC	30 May 2018	BH01_1.5_AC	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_1.5_AC	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_0.5_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP03_T2	01 Aug 2018	TP03_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP05_T2	01 Aug 2018	TP05_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP07_T2	01 Aug 2018	TP07_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					Asbestos													
					Asbestos (<7mm AF/FA)	Asbestos Detected	Asbestos (ACM >7mm) Estimation		Friable Asbestos (FA & AF)	Asbestos fibres		Asbestos Type		Organic Fibre		Asbestos (Trace)	
					g	-	g	%(w/w)	% (w/w)	%ww	-	g/kg	--	--	g/kg	Fibres	-
EQL					0.0004		0.0004	0.01	0.001		0.1	0.1				5	
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial								0.05	0.001	0.001							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**													
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.5_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP11_T2	01 Aug 2018	TP11_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP12_T2	01 Aug 2018	TP12_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_0.5_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP14_T2	02 Aug 2018	TP14_0.2_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_0.5_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP17_T2	02 Aug 2018	TP17_0.2_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_0.5_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.5_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.1_T2	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.1_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP40_T3	03 Aug 2018	TP40_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP41_T3	03 Aug 2018	TP41_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP42_T3	03 Aug 2018	TP42_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP43_T3	03 Aug 2018	TP43_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP44_T3	03 Aug 2018	TP44_0.2_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-
DU16	WSP2018_TP45_T3	03 Aug 2018	TP45_0.5_T3	Normal	-	0	-	-	-	<0.001	-	-	-	-	-	-	-

Comments
#1 J.WILLIAMS
#2 No

DU16 - 1e: Soil Analytical Results – Asbestos Screening

	Asbestos												
	Asbestos (<7mm AF/FA)	Asbestos Detected	Asbestos (ACM >7mm) Estimation		Friable Asbestos (FA & AF)	Asbestos fibres		Asbestos Type		Organic Fibre		Asbestos (Trace)	
	g	-	g	%(w/w)	% (w/w)	%ww	-	g/kg	--	--	g/kg	Fibres	-
EQL	0.0004		0.0004	0.01	0.001		0.1	0.1				5	
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial				0.05	0.001	0.001							

Monitoring Zone	Location Code	Date	Field ID	Sample Type

#3 -
#4 No*
#5 Ch + Am
#6 J. WILLIAMS
#7 Yes
#8 Ch
#9 N/A
#10 Ch + Am + Cr
#11 Am
#12 –
#13 J. PAGE
#14 Amosite asbestos detected
#15 A. SMYLIE
#16 B.SCHRADER
#17 Ch + Cr
#18 Am + Ch

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre		Unknown Mineral Fibre
					g	kg	--	g/kg	g/kg
EQL					0.01	0.0001			0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU16	T415_TP01	30 Mar 2023	535_T415_TP01_0.1_230330	Normal	598	0.598	0[#2]	-	-
DU16	T415_TP01	30 Mar 2023	535_T415_TP01_0.3_230330	Normal	687	0.687	0[#2]	-	-
DU16	T415_TP01	31 Mar 2023	535_T415_TP01_0.1-AS001_23033	Normal	5.90	-	-	1[#7]	-
DU16	T415_TP02	30 Mar 2023	535_T415_TP02_0.1_230330	Normal	564	0.564	0[#2]	-	-
DU16	T415_TP02	30 Mar 2023	535_T415_TP02_0.3_230330	Normal	934	0.934	0[#2]	-	-
DU16	T415_TP02	31 Mar 2023	535_T415_TP02_0.0-AS003_23033	Normal	3.67	-	-	1[#7]	-
DU16	T415_TP02	31 Mar 2023	535_T415_TP02_0.1-AS002_23033	Normal	9.43	-	-	0[#2]	-
DU16	T415_TP03	30 Mar 2023	535_T415_TP03_0.1_230330	Normal	652	0.652	0[#2]	-	-
DU16	T415_TP03	30 Mar 2023	535_T415_TP03_0.3_230330	Normal	682	0.682	0[#2]	-	-
DU16	T415_TP03	31 Mar 2023	535_T415_TP03_0.0-AS004_23033	Normal	4.45	-	-	1[#7]	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.1_230331	Normal	740	0.740	0[#2]	-	-
DU16	T415_TP04	31 Mar 2023	535_T415_TP04_0.3_230331	Normal	694	0.694	0[#2]	-	-
DU16	T415_TP05	30 Mar 2023	535_T415_TP05_0.1_230330	Normal	457	0.457	0[#2]	-	1[#7]
DU16	T415_TP05	30 Mar 2023	535_T415_TP05_0.3_230330	Normal	610	0.610	0[#2]	-	-
DU16	T415_TP05	31 Mar 2023	535_T415_TP05_0.0-AS005_23033	Normal	9.07	-	-	1[#7]	-
DU16	T415_TP06	30 Mar 2023	535_T415_TP06_0.1_230330	Normal	764	0.764	0[#2]	-	-
DU16	T415_TP06	30 Mar 2023	535_T415_TP06_0.3_230330	Normal	751	0.751	0[#2]	-	-
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.1_230331	Normal	495	0.495	0[#2]	-	-
DU16	T415_TP07	31 Mar 2023	535_T415_TP07_0.3_230331	Normal	481	0.481	0[#2]	-	-
DU16	T415_TP08	30 Mar 2023	535_T415_TP08_0.1_230330	Normal	606	0.606	0[#2]	-	-
DU16	T415_TP08	30 Mar 2023	535_T415_TP08_0.3_230330	Normal	670	0.67	0[#2]	-	-
DU16	T415_TP09	30 Mar 2023	535_T415_TP09_0.1_230330	Normal	525	0.525	0[#2]	-	-
DU16	T415_TP09	30 Mar 2023	535_T415_TP09_0.3_230330	Normal	510	0.51	0[#2]	-	-
DU16	T415_TP10	30 Mar 2023	535_T415_TP10_0.1_230330	Normal	566	0.566	0[#2]	-	-
DU16	T415_TP10	30 Mar 2023	535_T415_TP10_0.3_230330	Normal	601	0.601	0[#2]	-	-
DU16	T415_TP11	30 Mar 2023	535_T415_TP11_0.1_230330	Normal	604	0.604	0[#2]	-	-
DU16	T415_TP11	30 Mar 2023	535_T415_TP11_0.3_230330	Normal	520	0.52	0[#2]	-	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.1_230330	Normal	531	0.531	0[#2]	-	-
DU16	T415_TP12	30 Mar 2023	535_T415_TP12_0.3_230330		559	0.559	0[#2]	-	-
DU16	T415_TP13	23 Jan 2024	535_T415_TP13_0.1	Normal	-	-	-	-	-
DU16	T415_TP13	23 Jan 2024	535_T415_TP13_0.3	Normal	-	-	-	-	-
DU16	T415_TP14	23 Jan 2024	535_T415_TP14_0.0_AS001	Normal	33.8	-	-	0[#2]	-
DU16	T415_TP14	23 Jan 2024	535_T415_TP14_0.1	Normal	-	-	-	-	-
DU16	T415_TP14	23 Jan 2024	535_T415_TP14_0.3	Normal	-	-	-	-	-
DU16	T415_TP15	23 Jan 2024	535_T415_TP15_0.0_AS003	Normal	18.3	-	-	0[#2]	-
DU16	T415_TP15	23 Jan 2024	535_T415_TP15_0.1	Normal	-	-	-	-	-
DU16	T415_TP15	23 Jan 2024	535_T415_TP15_0.3	Normal	-	-	-	-	-

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre		Unknown Mineral Fibre
					g	kg	--	g/kg	g/kg
EQL					0.01	0.0001			0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.1	Normal	-	-	-	-	-
DU16	T415_TP16	23 Jan 2024	535_T415_TP16_0.3	Normal	-	-	-	-	-
DU16	T415_TP17	23 Jan 2024	535_T415_TP17_0.1	Normal	-	-	-	-	-
DU16	T415_TP17	23 Jan 2024	535_T415_TP17_0.3	Normal	-	-	-	-	-
DU16	T415_TP18	23 Jan 2024	535_T415_TP18_0.1	Normal	-	-	-	-	-
DU16	T415_TP18	23 Jan 2024	535_T415_TP18_0.3	Normal	-	-	-	-	-
DU16	T415_TP19	23 Jan 2024	535_T415_TP19_0.1	Normal	-	-	-	-	-
DU16	T415_TP19	23 Jan 2024	535_T415_TP19_0.3	Normal	-	-	-	-	-
DU16	T415_TP20	23 Jan 2024	535_T415_TP20_0.0_AS004	Normal	5.80	-	-	0[#2]	-
DU16	T415_TP20	23 Jan 2024	535_T415_TP20_0.1	Normal	-	-	-	-	-
DU16	T415_TP20	23 Jan 2024	535_T415_TP20_0.3	Normal	-	-	-	-	-
DU16	T415_TP21	23 Jan 2024	535_T415_TP21_0.1	Normal	-	-	-	-	-
DU16	T415_TP21	23 Jan 2024	535_T415_TP21_0.3	Normal	-	-	-	-	-
DU16	T415_TP22	23 Jan 2024	535_T415_TP22_0.1	Normal	-	-	-	-	-
DU16	T415_TP22	23 Jan 2024	535_T415_TP22_0.3	Normal	-	-	-	-	-
DU16	T415_TP23	23 Jan 2024	535_T415_TP23_0.0_AS009	Normal	24.9	-	-	0[#2]	-
DU16	T415_TP23	23 Jan 2024	535_T415_TP23_0.1	Normal	-	-	-	-	-
DU16	T415_TP23	23 Jan 2024	535_T415_TP23_0.3	Normal	-	-	-	-	-
DU16	T415_TP24	23 Jan 2024	535_T415_TP24_0.0_AS008	Normal	5.18	-	-	0[#2]	-
DU16	T415_TP24	23 Jan 2024	535_T415_TP24_0.1	Normal	-	-	-	-	-
DU16	T415_TP24	23 Jan 2024	535_T415_TP24_0.3	Normal	-	-	-	-	-
DU16	T415_TP25	23 Jan 2024	535_T415_TP25_0.0_AS005	Normal	7.23	-	-	0[#2]	-
DU16	T415_TP25	23 Jan 2024	535_T415_TP25_0.1	Normal	-	-	-	-	-
DU16	T415_TP25	23 Jan 2024	535_T415_TP25_0.3	Normal	-	-	-	-	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.1	Normal	-	-	-	-	-
DU16	T415_TP26	23 Jan 2024	535_T415_TP26_0.3	Normal	-	-	-	-	-
DU16	T415_TP27	23 Jan 2024	535_T415_TP27_0.0_AS006	Normal	11.5	-	-	0[#2]	-
DU16	T415_TP27	23 Jan 2024	535_T415_TP27_0.1	Normal	-	-	-	-	-
DU16	T415_TP27	23 Jan 2024	535_T415_TP27_0.3	Normal	-	-	-	-	-
DU16	T415_TP28	23 Jan 2024	535_T415_TP28_0.1	Normal	-	-	-	-	-
DU16	T415_TP28	23 Jan 2024	535_T415_TP28_0.3	Normal	-	-	-	-	-
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.0_AS002	Normal	169	-	-	0[#2]	-
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.0_AS007	Normal	14.2	-	-	0[#2]	-
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.1	Normal	-	-	-	-	-
DU16	T415_TP29	23 Jan 2024	535_T415_TP29_0.3	Normal	-	-	-	-	-
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.1	Normal	-	-	-	-	-
DU16	T415_TP30	23 Jan 2024	535_T415_TP30_0.3	Normal	-	-	-	-	-

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre		Unknown Mineral Fibre
					g	kg	--	g/kg	g/kg
EQL					0.01	0.0001			0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU16	T415_TP31	23 Jan 2024	535_T415_TP31_0.1	Normal	-	-	-	-	-
DU16	T415_TP31	23 Jan 2024	535_T415_TP31_0.3	Normal	-	-	-	-	-
DU16	T415_TP32	23 Jan 2024	535_T415_TP32_0.1	Normal	-	-	-	-	-
DU16	T415_TP32	23 Jan 2024	535_T415_TP32_0.3	Normal	-	-	-	-	-
DU16	T415_TP33	23 Jan 2024	535_T415_TP33_0.1	Normal	-	-	-	-	-
DU16	T415_TP33	23 Jan 2024	535_T415_TP33_0.3	Normal	-	-	-	-	-
DU16	T415_TP34	23 Jan 2024	535_T415_TP34_0.1	Normal	-	-	-	-	-
DU16	T415_TP34	23 Jan 2024	535_T415_TP34_0.3	Normal	-	-	-	-	-
DU16	TP01	06 Jul 2023	535_T611_TP01_0.1_230706	Normal	650	0.650	0[#2]	-	-
DU16	TP01	02 Aug 2023	535_ETF02_TP01_0.1	Normal	743	0.743	0[#2]	-	-
DU16	TP01	09 Aug 2023	535_ETF04_TP01_0.1_230809	Normal	693	0.693	0[#2]	-	-
DU16	TP01	06 Sep 2023	535_ETF06_TP01_0.1_230906	Normal	663	0.663	0[#2]	-	-
DU16	TP02	16 Aug 2023	535_ETF05_TP02_0.1_230816	Normal	819	0.819	0[#2]	-	-
DU16	TP03	12 Jul 2023	535_ETF01_TP03_0.3_230712	Normal	622	0.622	0[#2]	-	-
DU16	TP05	02 Aug 2023	535_ETF03_TP05_0.1_230802	Normal	720	0.720	0[#2]	-	-
DU16	TP05	13 Sep 2023	535_NTF01_TP05_0.1_230913	Normal	628	0.628	0[#2]	-	-
DU16	TP06	06 Jul 2023	535_T611_TP06_0.3_230706	Normal	689	0.689	0[#2]	-	-
DU16	TP06	19 Jul 2023	535_ETF02_TP06_0.3_230719	Normal	620	0.62	0[#2]	-	-
DU16	TP09	13 Sep 2023	535_NTF01_TP09_0.3_230913	Normal	538	0.538	0[#2]	-	-
DU16	TP10	06 Jul 2023	535_T611_TP10_0.3_230706	Normal	743	0.743	0[#2]	-	-
DU16	TP12	16 Aug 2023	535_ETF05_TP12_0.3_230816	Normal	773	0.773	0[#2]	-	-
DU16	TP12	06 Sep 2023	535_ETF06_TP12_0.3_230906	Normal	808	0.808	0[#2]	-	-
DU16	TP16	20 Sep 2023	535_NTF02_TP16_0.1_230920	Normal	800	0.800	1[#7]	-	-
DU16	TP21	02 Aug 2023	535_ETF03_TP21_0.3_230802	Normal	818	0.818	0[#2]	-	-
DU16	TP21	16 Aug 2023	535_ETF05_TP21_0.3_230816	Normal	771	0.771	0[#2]	-	-
DU16	TP22	12 Jul 2023	535_ETF01_TP22_0.1_230712	Normal	796	0.796	0[#2]	-	-
DU16	TP23	06 Sep 2023	535_ETF06_TP23_0.3_230906	Normal	779	0.779	0[#2]	-	-
DU16	TP24	19 Jul 2023	535_ETF02_TP24_0.1_230719	Normal	604	0.604	0[#2]	-	-
DU16	TP25	20 Sep 2023	535_NTF02_TP25_0.3_230920	Normal	753	0.753	0[#2]	-	-
DU16	WSP2018_BH01_AC	30 May 2018	BH01_1.5_AC	Normal	-	-	-	-	-
DU16	WSP2018_BH05_AC	30 May 2018	BH05_1.5_AC	Normal	-	-	-	-	-
DU16	WSP2018_TP01_T2	01 Aug 2018	TP01_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP02_T2	01 Aug 2018	TP02_0.5_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP03_T2	01 Aug 2018	TP03_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP04_T2	01 Aug 2018	TP04_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP05_T2	01 Aug 2018	TP05_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP07_T2	01 Aug 2018	TP07_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP08_T2	01 Aug 2018	TP08_0.1_T2	Normal	-	-	-	-	-

DU16 - 1e: Soil Analytical Results – Asbestos Screening

					weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre		Unknown Mineral Fibre
					g	kg	--	g/kg	g/kg
EQL					0.01	0.0001			0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial									
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**					
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP09_T2	01 Aug 2018	TP09_0.5_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP10_T2	01 Aug 2018	TP10_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP11_T2	01 Aug 2018	TP11_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP12_T2	01 Aug 2018	TP12_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP13_T2	02 Aug 2018	TP13_0.5_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP14_T2	02 Aug 2018	TP14_0.2_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP15_T2	02 Aug 2018	TP15_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP16_T2	02 Aug 2018	TP16_0.5_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP17_T2	02 Aug 2018	TP17_0.2_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP18_T2	02 Aug 2018	TP18_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP19_T2	02 Aug 2018	TP19_0.5_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP20_T2	02 Aug 2018	TP20_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP21_T2	02 Aug 2018	TP21_0.5_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP22_T2	02 Aug 2018	TP22_0.1_T2	Normal	-	-	-	-	-
DU16	WSP2018_TP23_T3	02 Aug 2018	TP23_0.1_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP24_T3	02 Aug 2018	TP24_0.5_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP25_T3	02 Aug 2018	TP25_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP26_T3	02 Aug 2018	TP26_0.1_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP27_T3	02 Aug 2018	TP27_0.1_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP28_T3	02 Aug 2018	TP28_0.5_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP29_T3	02 Aug 2018	TP29_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP30_T3	02 Aug 2018	TP30_0.1_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP31_T3	02 Aug 2018	TP31_0.5_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP32_T3	02 Aug 2018	TP32_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP33_T3	02 Aug 2018	TP33_0.5_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP34_T3	02 Aug 2018	TP34_0.1_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP35_T3	03 Aug 2018	TP35_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP36_T3	03 Aug 2018	TP36_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP37_T3	03 Aug 2018	TP37_0.5_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP39_T3	03 Aug 2018	TP39_0.5_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP40_T3	03 Aug 2018	TP40_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP41_T3	03 Aug 2018	TP41_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP42_T3	03 Aug 2018	TP42_0.5_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP43_T3	03 Aug 2018	TP43_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP44_T3	03 Aug 2018	TP44_0.2_T3	Normal	-	-	-	-	-
DU16	WSP2018_TP45_T3	03 Aug 2018	TP45_0.5_T3	Normal	-	-	-	-	-

Comments
#1 J.WILLIAMS
#2 No

DU16 - 1e: Soil Analytical Results – Asbestos Screening

				weight of sample	Weight Used for % Calculation	Synthetic Mineral Fibre	Unknown Mineral Fibre
				g	kg	-- g/kg	g/kg
EQL				0.01	0.0001		0.1
WA DoH 2021 Table 3 Asbestos in soil screening levels-D Commercial/Industrial							
Monitoring Zone	**Location Code**	**Date**	**Field ID**	**Sample Type**			
#3 -							

#4 No*
#5 Ch + Am
#6 J. WILLIAMS
#7 Yes
#8 Ch
#9 N/A
#10 Ch + Am + Cr
#11 Am
#12 –
#13 J. PAGE
#14 Amosite asbestos detected
#15 A. SMYLIE
#16 B.SCHRADER
#17 Ch + Cr
#18 Am + Ch

Environmental Standards
NEPM, 2013, NEPM 2013 Table 7 Comm/Ind D HSL for Asbestos in Soil

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
DU01	WSP2024_CMW03	334914.892	6233768.699	5/02/2024	6.816	2/05/2024	1	4	1.77			0.78	5.05		5.05	
DU01	WSP2024_CMW03	334914.892	6233768.699	13/02/2024	6.816	13/02/2024	1	4	1.97			0.78	4.84		4.84	
DU01	WSP2024_CMW03	334914.892	6233768.699	8/05/2024	6.816	5/08/2024	1	4	1.84			0.78	4.97		4.97	
DU01	WSP2024_CMW03	334914.892	6233768.699	11/11/2024	6.816	11/11/2024	1	4	1.88			0.78	4.93		4.93	
DU01	WSP2024_OMW09	334943.014	6233872.929	30/04/2024	7.654	30/04/2024	1.2	3.7	2.22			0.78	5.43		5.43	
DU01	WSP2024_OMW09	334943.014	6233872.929	11/05/2024	7.654	5/11/2024	1.2	3.7	2.37			0.78	5.29		5.29	
DU01	WSP2024_OMW09	334943.014	6233872.929	2/06/2024	7.654	6/02/2024	1.2	3.7	2.37			0.78	5.28		5.28	
DU01	WSP2024_OMW09	334943.014	6233872.929	8/06/2024	7.654	6/08/2024	1.2	3.7	2.20			0.78	5.45		5.45	
DU01	WSP2024_OMW10	334988.824	6233847.143	30/04/2024	7.906	30/04/2024	0.5	3.5	2.39			0.78	5.51		5.51	
DU01	WSP2024_OMW10	334988.824	6233847.143	11/05/2024	7.906	5/11/2024	0.5	3.5	2.38			0.78	5.52		5.52	
DU01	WSP2024_OMW10	334988.824	6233847.143	2/06/2024	7.906	6/02/2024	0.5	3.5	2.20			0.78	5.70		5.70	
DU01	WSP2024_OMW10	334988.824	6233847.143	8/06/2024	7.906	6/08/2024	0.5	3.5	2.20			0.78	5.71		5.71	
DU01	WSP2024_PMW64	334976.301	6233640.21	5/06/2024	6.832	6/05/2024	1	4	1.05			0.78	5.78		5.78	
DU01	WSP2024_PMW64	334976.301	6233640.21	11/11/2024	6.832	11/11/2024	1	4	1.71			0.78	5.12		5.12	
DU01	WSP2024_PMW64	334976.301	6233640.21	2/12/2024	6.832	12/02/2024	1	4	1.94			0.78	4.89		4.89	
DU01	WSP2024_PMW64	334976.301	6233640.21	8/12/2024	6.832	12/08/2024	1	4	1.61			0.78	5.23		5.23	
DU02	WSP2024_OMW01	334666.074	6234110.607	30/04/2024	9.238	30/04/2024	0.5	0.9	1.62			0.78	7.62		7.62	
DU02	WSP2024_OMW01	334666.074	6234110.607	11/05/2024	9.238	5/11/2024	0.5	0.9	1.74			0.78	7.50		7.50	
DU02	WSP2024_OMW01	334666.074	6234110.607	2/06/2024	9.238	6/02/2024	0.5	0.9	1.56			0.78	7.68		7.68	
DU02	WSP2024_OMW01	334666.074	6234110.607	8/06/2024	9.238	6/08/2024	0.5	0.9	1.53			0.78	7.71		7.71	
DU02	WSP2024_OMW02	334649.942	6234051.943	30/04/2024	7.876	30/04/2024	0.5	1.2	1.91			0.78	5.97		5.97	no wqm taken due to inadequate amount of water
DU02	WSP2024_OMW02	334649.942	6234051.943	11/05/2024	7.876	5/11/2024	0.5	1.2	1.93			0.78	5.95		5.95	
DU02	WSP2024_OMW02	334649.942	6234051.943	2/06/2024	7.876	6/02/2024	0.5	1.2	1.97			0.78	5.91		5.91	Only TRH BTEX & 10 % of amber filled.Not enough water for WQ parameters.
DU02	WSP2024_OMW02	334649.942	6234051.943	8/06/2024	7.876	6/08/2024	0.5	1.2	1.86			0.78	6.02		6.02	TRH/BTEXonly due to low volume
DU02	WSP2024_OMW03	334884.527	6234059.664	30/04/2024	9.423	30/04/2024	0.5	1.25	1.33			0.78	8.10		8.10	
DU02	WSP2024_OMW03	334884.527	6234059.664	11/05/2024	9.423	5/11/2024	0.5	1.25	1.51			0.78	7.91		7.91	
DU02	WSP2024_OMW03	334884.527	6234059.664	2/06/2024	9.423	6/02/2024	0.5	1.25	1.41			0.78	8.02		8.02	
DU02	WSP2024_OMW03	334884.527	6234059.664	8/06/2024	9.423	6/08/2024	0.5	1.25	1.18			0.78	8.24		8.24	
DU02	WSP2024_OMW05	334830.877	6233984.049	30/04/2024	8.879	30/04/2024	1.5	3.9	3.00			0.78	5.88		5.88	
DU02	WSP2024_OMW05	334830.877	6233984.049	11/05/2024	8.879	5/11/2024	1.5	3.9	3.23			0.78	5.65		5.65	
DU02	WSP2024_OMW05	334830.877	6233984.049	2/06/2024	8.879	6/02/2024	1.5	3.9	3.29			0.78	5.59		5.59	
DU02	WSP2024_OMW05	334830.877	6233984.049	8/06/2024	8.879	6/08/2024	1.5	3.9	2.64			0.78	6.24		6.24	
DU02	WSP2024_OMW06	334843.996	6233914.681	30/04/2024	9.121	30/04/2024	1.8	4.35	3.71			0.78	5.41		5.41	
DU02	WSP2024_OMW06	334843.996	6233914.681	11/05/2024	9.121	5/11/2024	1.8	4.35	3.80			0.78	5.33		5.33	
DU02	WSP2024_OMW06	334843.996	6233914.681	2/06/2024	9.121	6/02/2024	1.8	4.35	3.92			0.78	5.21		5.21	
DU02	WSP2024_OMW06	334843.996	6233914.681	8/06/2024	9.121	6/08/2024	1.8	4.35	3.78			0.78	5.35		5.35	Captured as PMW06. Assumed to be well name mispick
DU02	WSP2024_OMW04A			30/04/2024		30/04/2024			1.36			0.78				
DU02	WSP2024_OMW04A			11/05/2024		5/11/2024			2.15			0.78				
DU02	WSP2024_OMW04A			2/06/2024		6/02/2024			1.98			0.78				
DU02	WSP2024_OMW04A			8/06/2024		6/08/2024			1.24			0.78				
DU03	WSP2024_CMW01	334716.588	6233790.233	5/02/2024	7.003	2/05/2024	1	4	2.29			0.78	4.72		4.72	
DU03	WSP2024_CMW01	334716.588	6233790.233	13/02/2024	7.003	13/02/2024	1	4	2.67			0.78	4.33		4.33	
DU03	WSP2024_CMW01	334716.588	6233790.233	11/04/2024	7.003	4/11/2024	1	4	2.50			0.78	4.50		4.50	
DU03	WSP2024_CMW01	334716.588	6233790.233	8/05/2024	7.003	5/08/2024	1	4	2.18			0.78	4.83		4.83	
DU03	WSP2024_CMW02	334703.318	6233758.159	5/02/2024	6.709	2/05/2024	1	4	1.77			0.78	4.94		4.94	
DU03	WSP2024_CMW02	334703.318	6233758.159	13/02/2024	6.709	13/02/2024	1	4	2.46			0.78	4.25		4.25	
DU03	WSP2024_CMW02	334703.318	6233758.159	11/04/2024	6.709	4/11/2024	1	4	2.26			0.78	4.45		4.45	
DU03	WSP2024_CMW02	334703.318	6233758.159	8/05/2024	6.709	5/08/2024	1	4	1.96			0.78	4.75		4.75	
DU03	WSP2024_CMW04	334706.348	6233854.672	5/02/2024	6.765	2/05/2024	1	4	2.12			0.78	4.65		4.65	
DU03	WSP2024_CMW04	334706.348	6233854.672	13/02/2024	6.765	13/02/2024	1	4	2.42			0.78	4.35		4.35	
DU03	WSP2024_CMW04	334706.348	6233854.672	8/05/2024	6.765	5/08/2024	1	4	1.90			0.78	4.87		4.87	
DU03	WSP2024_CMW04	334706.348	6233854.672	11/11/2024	6.765	11/11/2024	1	4	2.24			0.78	4.53		4.53	
DU03	WSP2024_CMW06	334778.272	6233886.886	5/02/2024	7.014	2/05/2024	1	4	2.09			0.78	4.92		4.92	
DU03	WSP2024_CMW06	334778.272	6233886.886	13/02/2024	7.014	13/02/2024	1	4	2.31			0.78	4.71		4.71	
DU03	WSP2024_CMW06	334778.272	6233886.886	8/05/2024	7.014	5/08/2024	1	4	1.97			0.78	5.04		5.04	
DU03	WSP2024_CMW06	334778.272	6233886.886	11/11/2024	7.014	11/11/2024	1	4	2.14			0.78	4.87		4.87	
DU03	WSP2024_CMW07	334820.405	6233881.907	5/02/2024	6.831	2/05/2024	1	4	1.73			0.78	5.10		5.10	
DU03	WSP2024_CMW07	334820.405	6233881.907	13/02/2024	6.831	13/02/2024	1	4	2.03			0.78	4.80		4.80	
DU03	WSP2024_CMW07	334820.405	6233881.907	8/05/2024	6.831	5/08/2024	1	4	1.65			0.78	5.18		5.18	
DU03	WSP2024_CMW07	334820.405	6233881.907	11/11/2024	6.831	11/11/2024	1	4	1.85			0.78	4.98		4.98	
DU03	WSP2024_CMW08	334883.372	6233875.255	5/02/2024	6.979	2/05/2024	1	4	1.49			0.78	5.49		5.49	
DU03	WSP2024_CMW08	334883.372	6233875.255	13/02/2024	6.979	13/02/2024	1	4	1.95			0.78	5.03		5.03	
DU03	WSP2024_CMW08	334883.372	6233875.255	8/05/2024	6.979	5/08/2024	1	4	1.51			0.78	5.47		5.47	
DU03	WSP2024_CMW08	334883.372	6233875.255	11/11/2024	6.979	11/11/2024	1	4	1.73			0.78	5.25		5.25	
DU03	WSP2024_CMW09	334724.385	6233828.858	5/02/2024	7.027	2/05/2024	1	4	2.37			0.78	4.66		4.66	
DU03	WSP2024_CMW09	334724.385	6233828.858	13/02/2024	7.027	13/02/2024	1	4	2.64			0.78	4.39		4.39	
DU03	WSP2024_CMW09	334724.385	6233828.858	8/05/2024	7.027	5/08/2024	1	4	2.15			0.78	4.88		4.88	
DU03	WSP2024_CMW09	334724.385	6233828.858	11/11/2024	7.027	11/11/2024	1	4	2.45			0.78	4.58		4.58	
DU03	WSP2024_CMW10	334766.81	6233824.839	5/02/2024	7.679	2/05/2024	1	4	2.82			0.78	4.86		4.86	
DU03	WSP2024_CMW10	334766.81	6233824.839	13/02/2024	7.679	13/02/2024	1	4	3.11			0.78	4.57		4.57	
DU03	WSP2024_CMW10	334766.81	6233824.839	8/05/2024	7.679	5/08/2024	1	4	2.65			0.78	5.03		5.03	roots observed in well
DU03	WSP2024_CMW10	334766.81	6233824.839	11/11/2024	7.679	11/11/2024	1	4	2.92			0.78	4.76		4.76	
DU03	WSP2024_CMW11	334822.956	6233818.359	5/02/2024	7.673	2/05/2024	1	4	2.77			0.78	4.91		4.91	
DU03	WSP2024_CMW11	334822.956	6233818.359	13/02/2024	7.673	13/02/2024	1	4	2.95			0.78	4.72		4.72	
DU03	WSP2024_CMW11	334822.956	6233818.359	8/05/2024	7.673	5/08/2024	1	4	2.50			0.78	5.18		5.18	
DU03	WSP2024_CMW11	334822.956	6233818.359	11/11/2024	7.673	11/11/2024	1	4	2.73			0.78	4.95		4.95	
DU03	WSP2024_CMW12	334896.543	6233801.519	5/02/2024	7.043	2/05/2024	1	4	1.86			0.78	5.19		5.19	
DU03	WSP2024_CMW12	334896.543	6233801.519	13/02/2024	7.043	13/02/2024	1	4	2.18			0.78	4.87		4.87	
DU03	WSP2024_CMW12	334896.543	6233801.519	8/05/2024	7.043	5/08/2024	1	4	1.89			0.78	5.15		5.15	
DU03	WSP2024_CMW12	334896.543	6233801.519	11/11/2024	7.043	11/11/2024	1	4	2.02			0.78	5.03		5.03	
DU03	WSP2024_CMW14	334818.387	6233764.956	5/02/2024	7.203	2/05/2024	1	4	2.21			0.78	4.99		4.99	
DU03	WSP2024_CMW14	334818.387	6233764.956	13/02/2024	7.203	13/02/2024	1	4	2.58			0.78	4.63		4.63	
DU03	WSP2024_CMW14	334818.387	6233764.956	8/05/2024	7.203	5/08/2024	1	4	2.11			0.78	5.09		5.09	
DU03	WSP2024_CMW14	334818.387	6233764.956	11/11/2024	7.203	11/11/2024	1	4	2.34			0.78	4.86		4.86	
DU03	WSP2024_CMW15	334864.244	6233738.48	5/02/2024	6.782	2/05/2024	1	4	1.59			0.78	5.19		5.19	
DU03	WSP2024_CMW15	334864.244	6233738.48	13/02/2024	6.782	13/02/2024	1	4	2.06			0.78	4.73		4.73	
DU03	WSP2024_CMW15	334864.244	6233738.48	8/05/2024	6.782	5/08/2024	1	4	1.62			0.78	5.16		5.16	
DU03	WSP2024_CMW15	334864.244	6233738.48	11/11/2024	6.782	11/11/2024	1	4	1.83			0.78	4.95		4.95	
DU03	WSP2024_CMW19	334777.812	6233786.077	5/02/2024	6.336	2/05/2024	1	4	1.37			0.78	4.96		4.96	
DU03	WSP2024_CMW19	334777.812	6233786.077	13/02/2024	6.336	13/02/2024	1	4	1.78			0.78	4.55		4.55	
DU03	WSP2024_CMW19	334777.812	6233786.077	8/05/2024	6.336	5/08/2024	1	4	1.29			0.78	5.04		5.04	
DU03	WSP2024_CMW19	334777.812	6233786.077	11/11/2024	6.336	11/11/2024	1	4	1.56			0.78	4.78		4.78	
DU03	WSP2024_CMW22	334745.202	6233804.528	5/02/2024	7.555	2/05/2024	1	4	2.83			0.78	4.73		4.73	
DU03	WSP2024_CMW22	334745.202	6233804.528	13/02/2024	7.555	13/02/2024	1	4	3.11			0.78	4.44		4.44	
DU03	WSP2024_CMW22	334745.202	6233804.528	11/04/2024	7.555	4/11/2024	1	4	2.95			0.78	4.61		4.61	
DU03	WSP2024_CMW22	334745.202	6233804.528	8/05/2024	7.555	5/08/2024	1	4	2.62			0.78	4.94		4.94	
DU03	WSP2024_CMW29	334742.522	6233780.919	5/02/2024	7.168	2/05/2024	1	4.5	2.46			0.78	4.71		4.71	
DU03	WSP2024_CMW29	334742.522	6233780.919	13/02/2024	7.168	13/02/2024	1	4.5	2.78			0.78	4.39		4.39	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
DU03	WSP2024_CMW29	334742.522	6233780.919	11/04/2024	7.168	4/11/2024	1	4.5	2.63			0.78	4.54		4.54	
DU03	WSP2024_CMW29	334742.522	6233780.919	8/05/2024	7.168	5/08/2024	1	4.5	2.28			0.78	4.89		4.89	
DU03	WSP2024_CMW30	334759.138	6233778.35	5/02/2024	7.209	2/05/2024	1	4.5	2.53			0.78	4.68		4.68	
DU03	WSP2024_CMW30	334759.138	6233778.35	13/02/2024	7.209	13/02/2024	1	4.5	2.72			0.78	4.49		4.49	
DU03	WSP2024_CMW30	334759.138	6233778.35	8/05/2024	7.209	5/08/2024	1	4.5	2.27			0.78	4.94		4.94	
DU03	WSP2024_CMW30	334759.138	6233778.35	11/11/2024	7.209	11/11/2024	1	4.5	2.53			0.78	4.68		4.68	
DU03	WSP2024_CMW31	334751.759	6233761.032	5/02/2024	7.174	2/05/2024	1	4.5	2.40			0.78	4.77		4.77	
DU03	WSP2024_CMW31	334751.759	6233761.032	13/02/2024	7.174	13/02/2024	1	4.5	2.76			0.78	4.42		4.42	
DU03	WSP2024_CMW31	334751.759	6233761.032	8/05/2024	7.174	5/08/2024	1	4.5	2.27			0.78	4.91		4.91	
DU03	WSP2024_CMW31	334751.759	6233761.032	11/11/2024	7.174	11/11/2024	1	4.5	2.56			0.78	4.62		4.62	
DU03	WSP2024_CMW32	334773.841	6233754.48	5/02/2024	6.855	2/05/2024	1	4.5	1.97			0.78	4.88		4.88	
DU03	WSP2024_CMW32	334773.841	6233754.48	13/02/2024	6.855	13/02/2024	1	4.5	2.38			0.78	4.48		4.48	
DU03	WSP2024_CMW32	334773.841	6233754.48	8/05/2024	6.855	5/08/2024	1	4.5	1.88			0.78	4.97		4.97	
DU03	WSP2024_CMW32	334773.841	6233754.48	11/11/2024	6.855	11/11/2024	1	4.5	2.16			0.78	4.70		4.70	
DU03	WSP2024_PMW30	334685.799	6233813.398	5/06/2024	5.66	6/05/2024	2.7	5.7	0.67			0.78	4.99		4.99	
DU03	WSP2024_PMW30	334685.799	6233813.398	11/11/2024	5.66	11/11/2024	2.7	5.7	1.29			0.78	4.37		4.37	
DU03	WSP2024_PMW30	334685.799	6233813.398	2/12/2024	5.66	12/02/2024	2.7	5.7	1.48			0.78	4.19		4.19	RINSATE06
DU03	WSP2024_PMW30	334685.799	6233813.398	8/12/2024	5.66	12/08/2024	2.7	5.7	1.07			0.78	4.59		4.59	
DU04	WSP2024_CLOR1	334767.47	6233681.407	5/06/2024	6.568	6/05/2024	1	4	2.07			0.78	4.50		4.50	
DU04	WSP2024_CLOR1	334767.47	6233681.407	11/11/2024	6.568	11/11/2024	1	4	2.75			0.78	3.82		3.82	
DU04	WSP2024_CLOR1	334767.47	6233681.407	2/12/2024	6.568	12/02/2024	1	4	2.96			0.78	3.61		3.61	
DU04	WSP2024_CLOR1	334767.47	6233681.407	8/12/2024	6.568	12/08/2024	1	4	2.53			0.78	4.04		4.04	
DU04	WSP2024_CMW16	334707.332	6233715.451	5/02/2024	6.422	2/05/2024	1	4	1.32			0.78	5.11		5.11	
DU04	WSP2024_CMW16	334707.332	6233715.451	13/02/2024	6.422	13/02/2024	1	4	2.15			0.78	4.27		4.27	
DU04	WSP2024_CMW16	334707.332	6233715.451	11/04/2024	6.422	4/11/2024	1	4	1.96			0.78	4.46		4.46	
DU04	WSP2024_CMW16	334707.332	6233715.451	8/05/2024	6.422	5/08/2024	1	4	1.67			0.78	4.76		4.76	
DU04	WSP2024_PMW49	334696.076	6233670.825	5/06/2024	6.651	6/05/2024	0.5	3.5	1.14			0.78	5.51		5.51	
DU04	WSP2024_PMW49	334696.076	6233670.825	11/11/2024	6.651	11/11/2024	0.5	3.5	2.33			0.78	4.32		4.32	
DU04	WSP2024_PMW49	334696.076	6233670.825	2/12/2024	6.651	12/02/2024	0.5	3.5	2.46			0.78	4.19		4.19	
DU04	WSP2024_PMW49	334696.076	6233670.825	8/12/2024	6.651	12/08/2024	0.5	3.5	2.14			0.78	4.51		4.51	
DU05	WSP2024_BP01	334781.634	6233666.492	5/06/2024	6.685	6/05/2024	0.5	3.5	1.44			0.78	5.25		5.25	
DU05	WSP2024_BP01	334781.634	6233666.492	11/11/2024	6.685	11/11/2024	0.5	3.5	2.07			0.78	4.61		4.61	
DU05	WSP2024_BP01	334781.634	6233666.492	2/12/2024	6.685	12/02/2024	0.5	3.5	2.28			0.78	4.40		4.40	
DU05	WSP2024_BP01	334781.634	6233666.492	8/12/2024	6.685	12/08/2024	0.5	3.5	1.84			0.78	4.85		4.85	
DU06	WSP2024_PMW10	334646.491	6233679.514	5/06/2024	6.343	6/05/2024	5.7	8.7	1.70			0.78	4.64		4.64	
DU06	WSP2024_PMW10	334646.491	6233679.514	11/11/2024	6.343	11/11/2024	5.7	8.7	2.41			0.78	3.93		3.93	
DU06	WSP2024_PMW10	334646.491	6233679.514	2/12/2024	6.343	12/02/2024	5.7	8.7	2.70			0.78	3.65		3.65	RINSATE05
DU06	WSP2024_PMW10	334646.491	6233679.514	8/12/2024	6.343	12/08/2024	5.7	8.7	2.16			0.78	4.19		4.19	well casing damaged. no water quality taken
DU06	WSP2024_PMW38	334638.008	6233697.75	5/06/2024	6.358	6/05/2024	10.5	13.5	1.90			0.78	4.46		4.46	
DU06	WSP2024_PMW38	334638.008	6233697.75	11/11/2024	6.358	11/11/2024	10.5	13.5	2.41			0.78	3.95		3.95	
DU06	WSP2024_PMW38	334638.008	6233697.75	2/12/2024	6.358	12/02/2024	10.5	13.5	2.70			0.78	3.66		3.66	
DU06	WSP2024_PMW38	334638.008	6233697.75	8/12/2024	6.358	12/08/2024	10.5	13.5	2.17			0.78	4.19		4.19	
DU06	WSP2024_PMW41	334516.281	6234038.145	5/06/2024	5.854	6/05/2024	0.6	2.4	2.01			0.78	3.85		3.85	
DU06	WSP2024_PMW41	334516.281	6234038.145	11/11/2024	5.854	11/11/2024	0.6	2.4	2.74			0.78	3.11		3.11	
DU06	WSP2024_PMW41	334516.281	6234038.145	2/12/2024	5.854	12/02/2024	0.6	2.4	2.92			0.78	2.94		2.94	
DU06	WSP2024_PMW41	334516.281	6234038.145	8/12/2024	5.854	12/08/2024	0.6	2.4	2.32			0.78	3.54		3.54	
DU06	WSP2024_PMW50	334613.943	6233747.782	5/06/2024	6.424	6/05/2024	0.5	3.5	1.83			0.78	4.60		4.60	
DU06	WSP2024_PMW50	334613.943	6233747.782	11/11/2024	6.424	11/11/2024	0.5	3.5	2.61			0.78	3.81		3.81	
DU06	WSP2024_PMW50	334613.943	6233747.782	2/12/2024	6.424	12/02/2024	0.5	3.5	2.84			0.78	3.58		3.58	
DU06	WSP2024_PMW50	334613.943	6233747.782	8/12/2024	6.424	12/08/2024	0.5	3.5	2.41			0.78	4.01		4.01	
DU06	WSP2024_PMW51	334612.255	6233754.417	5/06/2024	6.303	6/05/2024	4.5	7.5	2.70			0.78	3.61		3.61	
DU06	WSP2024_PMW51	334612.255	6233754.417	11/11/2024	6.303	11/11/2024	4.5	7.5	2.50			0.78	3.81		3.81	
DU06	WSP2024_PMW51	334612.255	6233754.417	2/12/2024	6.303	12/02/2024	4.5	7.5	2.72			0.78	3.58		3.58	
DU06	WSP2024_PMW51	334612.255	6233754.417	8/12/2024	6.303	12/08/2024	4.5	7.5	2.30			0.78	4.00		4.00	
DU06	WSP2024_PMW53	334588.975	6233842.436	5/06/2024	6.28	6/05/2024	0.7	3.7	1.75			0.78	4.53		4.53	
DU06	WSP2024_PMW53	334588.975	6233842.436	11/11/2024	6.28	11/11/2024	0.7	3.7	2.71			0.78	3.57		3.57	
DU06	WSP2024_PMW53	334588.975	6233842.436	2/12/2024	6.28	12/02/2024	0.7	3.7	2.79			0.78	3.49		3.49	
DU06	WSP2024_PMW53	334588.975	6233842.436	8/12/2024	6.28	12/08/2024	0.7	3.7	2.54			0.78	3.74		3.74	
DU06	WSP2024_PMW57	334662.282	6233732.974	5/06/2024	6.748	6/05/2024	0.5	3.5	1.90			0.78	4.85		4.85	
DU06	WSP2024_PMW57	334662.282	6233732.974	11/11/2024	6.748	11/11/2024	0.5	3.5	2.66			0.78	4.09		4.09	
DU06	WSP2024_PMW57	334662.282	6233732.974	2/12/2024	6.748	12/02/2024	0.5	3.5	2.87			0.78	3.88		3.88	
DU06	WSP2024_PMW57	334662.282	6233732.974	8/12/2024	6.748	12/08/2024	0.5	3.5	2.45			0.78	4.30		4.30	
DU07	WSP2024_OMW11	334937.525	6234059.353	30/04/2024	10.271	30/04/2024	0.5	1.7	1.95			0.78	8.32		8.32	
DU07	WSP2024_OMW11	334937.525	6234059.353	11/05/2024	10.271	5/11/2024	0.5	1.7	2.43			0.78	7.85		7.85	
DU07	WSP2024_OMW11	334937.525	6234059.353	2/06/2024	10.271	6/02/2024	0.5	1.7	2.44			0.78	7.84		7.84	Only TRH BTEX & Amber filled.Not enough water for WQ parameters.
DU07	WSP2024_OMW11	334937.525	6234059.353	8/06/2024	10.271	6/08/2024	0.5	1.7	2.00			0.78	8.28		8.28	
DU07	WSP2024_OMW12	334969.483	6234053.794	30/04/2024	9.879	30/04/2024	0.5	0.8	1.32			0.78	8.56		8.56	
DU07	WSP2024_OMW12	334969.483	6234053.794	8/06/2024	9.879	6/08/2024	0.5	0.8	1.35			0.78	8.53		8.53	
DU09	WSP2024_PMW42	334533.686	6233933.328	5/06/2024	5.954	6/05/2024	0.9	4.4	1.79			0.78	4.17		4.17	
DU09	WSP2024_PMW42	334533.686	6233933.328	11/11/2024	5.954	11/11/2024	0.9	4.4	2.44			0.78	3.52		3.52	
DU09	WSP2024_PMW42	334533.686	6233933.328	2/12/2024	5.954	12/02/2024	0.9	4.4	2.43			0.78	3.52		3.52	
DU09	WSP2024_PMW42	334533.686	6233933.328	8/12/2024	5.954	12/08/2024	0.9	4.4	2.20			0.78	3.75		3.75	
DU10	WSP2024_PP11	334929.857	6234310.15	11/04/2024	3.454	4/11/2024	0.3	3	1.00			0.78	2.46		2.46	
DU10	WSP2024_PP11	334929.857	6234310.15	29/04/2024	3.454	29/04/2024	0.3	3	0.85			0.78	2.60		2.60	
DU10	WSP2024_PP11	334929.857	6234310.15	2/05/2024	3.454	2/05/2024	0.3	3	1.01			0.78	2.44		2.44	
DU10	WSP2024_PP11	334929.857	6234310.15	8/05/2024	3.454	5/08/2024	0.3	3	0.79			0.78	2.66		2.66	
DU10	WSP2024_PP12	335083.875	6234285.918	11/04/2024	3.939	4/11/2024	1	4	1.21			0.78	2.73		2.73	
DU10	WSP2024_PP12	335083.875	6234285.918	29/04/2024	3.939	29/04/2024	1	4	1.12			0.78	2.82		2.82	
DU10	WSP2024_PP12	335083.875	6234285.918	2/05/2024	3.939	2/05/2024	1	4	1.25			0.78	2.69		2.69	
DU10	WSP2024_PP12	335083.875	6234285.918	8/05/2024	3.939	5/08/2024	1	4	1.24			0.78	2.70		2.70	
DU10	WSP2024_PU04	335171.238	6234256.089	11/04/2024	5.327	4/11/2024	1	4	2.29			0.78	3.04		3.04	
DU10	WSP2024_PU04	335171.238	6234256.089	29/04/2024	5.327	29/04/2024	1	4	2.19			0.78	3.14		3.14	
DU10	WSP2024_PU04	335171.238	6234256.089	2/05/2024	5.327	2/05/2024	1	4	2.29			0.78	3.04		3.04	
DU10	WSP2024_PU04	335171.238	6234256.089	8/05/2024	5.327	5/08/2024	1	4	2.03			0.78	3.30		3.30	
DU10	WSP2024_PU05	335093.102	6234250.884	11/04/2024	5.262	4/11/2024	1	4	2.46			0.78	2.80		2.80	
DU10	WSP2024_PU05	335093.102	6234250.884	29/04/2024	5.262	29/04/2024	1	4	2.37			0.78	2.89		2.89	
DU10	WSP2024_PU05	335093.102	6234250.884	2/05/2024	5.262	2/05/2024	1	4	2.45			0.78	2.81		2.81	
DU10	WSP2024_PU05	335093.102	6234250.884	8/05/2024	5.262	5/08/2024	1	4	2.62			0.78	2.64		2.64	
DU10	WSP2024_PU06	334973.724	6234257.761	11/04/2024	5.194	4/11/2024	1	4	3.00			0.78	2.20		2.20	
DU10	WSP2024_PU06	334973.724	6234257.761	29/04/2024	5.194	29/04/2024	1	4	2.51			0.78	2.68		2.68	
DU10	WSP2024_PU06	334973.724	6234257.761	2/05/2024	5.194	2/05/2024	1	4	2.63			0.78	2.57		2.57	
DU10	WSP2024_PU06	334973.724	6234257.761	8/05/2024	5.194	5/08/2024	1	4	2.30			0.78	2.89		2.89	
DU10	WSP2024_PU07	334996.16	6234367.763	11/04/2024	5.268	4/11/2024	1	4	2.83			0.78	2.44		2.44	
DU10	WSP2024_PU07	334996.16	6234367.763	29/04/2024	5.268	29/04/2024	1	4	2.81			0.78	2.46		2.46	
DU10	WSP2024_PU07	334996.16	6234367.763	2/05/2024	5.268	2/05/2024	1	4	2.41			0.78	2.86		2.86	
DU10	WSP2024_PU07	334996.16	6234367.763	8/05/2024	5.268	5/08/2024	1	4	2.69			0.78	2.58		2.58	
DU10	WSP2024_PU08	335092.67	6234361.072	11/04/2024	5.634	4/11/2024	1	4	2.98			0.78	2.66		2.66	
DU10	WSP2024_PU08	335092.67	6234361.072	29/04/2024	5.634	29/04/2024	1	4	2.93			0.78	2.70		2.70	
DU10	WSP2024_PU08	335092.67	6234361.072	2/05/2024	5.634	2/05/2024	1	4	3.01			0.78	2.63		2.63	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
DU10	WSP2024_PU08	335092.67	6234361.072	8/05/2024	5.634	5/08/2024	1	4	2.79			0.78	2.84		2.84	
DU10	WSP2024_PU09	335211.159	6234337.612	11/04/2024	5.845	4/11/2024	1	4	2.80			0.78	3.05		3.05	
DU10	WSP2024_PU09	335211.159	6234337.612	29/04/2024	5.845	29/04/2024	1	4	2.79			0.78	3.06		3.06	
DU10	WSP2024_PU09	335211.159	6234337.612	2/05/2024	5.845	2/05/2024	1	4	2.85			0.78	3.00		3.00	
DU10	WSP2024_PU09	335211.159	6234337.612	8/05/2024	5.845	5/08/2024	1	4	2.62			0.78	3.22		3.22	
DU10	WSP2024_PU100	335131.38	6234359.707	13/02/2024	5.537	13/02/2024			2.78			0.78	2.76		2.76	
DU10	WSP2024_PU100	335131.38	6234359.707	11/05/2024	5.537	5/11/2024			2.77			0.78	2.77		2.77	
DU10	WSP2024_PU100	335131.38	6234359.707	5/06/2024	5.537	6/05/2024			2.45			0.78	3.09		3.09	
DU10	WSP2024_PU100	335131.38	6234359.707	13/08/2024	5.537	13/08/2024			2.63			0.78	2.91		2.91	
DU10	WSP2024_PU101	335165.784	6234336.69	13/02/2024	5.754	13/02/2024			2.87			0.78	2.88		2.88	
DU10	WSP2024_PU101	335165.784	6234336.69	11/05/2024	5.754	5/11/2024			2.84			0.78	2.91		2.91	
DU10	WSP2024_PU101	335165.784	6234336.69	5/06/2024	5.754	6/05/2024			2.62			0.78	3.13		3.13	
DU10	WSP2024_PU101	335165.784	6234336.69	13/08/2024	5.754	13/08/2024			2.69			0.78	3.06		3.06	
DU10	WSP2024_PU103	335062.998	6234342.514	13/02/2024	5.861	13/02/2024			3.23			0.78	2.63		2.63	
DU10	WSP2024_PU103	335062.998	6234342.514	11/05/2024	5.861	5/11/2024			3.24			0.78	2.63		2.63	
DU10	WSP2024_PU103	335062.998	6234342.514	5/06/2024	5.861	6/05/2024			2.97			0.78	2.89		2.89	
DU10	WSP2024_PU103	335062.998	6234342.514	13/08/2024	5.861	13/08/2024			3.07			0.78	2.79		2.79	
DU10	WSP2024_PU104	335125.611	6234341.372	13/02/2024	5.758	13/02/2024			3.03			0.78	2.73		2.73	
DU10	WSP2024_PU104	335125.611	6234341.372	11/05/2024	5.758	5/11/2024			2.98			0.78	2.77		2.77	
DU10	WSP2024_PU104	335125.611	6234341.372	5/06/2024	5.758	6/05/2024			2.76			0.78	3.00		3.00	
DU10	WSP2024_PU104	335125.611	6234341.372	13/08/2024	5.758	13/08/2024			2.83			0.78	2.93		2.93	
DU10	WSP2024_PU105	335242.103	6234306.984	13/02/2024	5.577	13/02/2024			2.46			0.78	3.12		3.12	
DU10	WSP2024_PU105	335242.103	6234306.984	11/05/2024	5.577	5/11/2024			2.42			0.78	3.16		3.16	
DU10	WSP2024_PU105	335242.103	6234306.984	5/06/2024	5.577	6/05/2024			2.15			0.78	3.43		3.43	
DU10	WSP2024_PU105	335242.103	6234306.984	13/08/2024	5.577	13/08/2024			2.26			0.78	3.32		3.32	
DU10	WSP2024_PU108	335072.39	6234319.493	13/02/2024	5.649	13/02/2024			2.98			0.78	2.67		2.67	
DU10	WSP2024_PU108	335072.39	6234319.493	11/05/2024	5.649	5/11/2024			2.96			0.78	2.69		2.69	
DU10	WSP2024_PU108	335072.39	6234319.493	5/06/2024	5.649	6/05/2024			2.66			0.78	2.99		2.99	
DU10	WSP2024_PU108	335072.39	6234319.493	13/08/2024	5.649	13/08/2024			2.78			0.78	2.87		2.87	
DU10	WSP2024_PU109	335207.307	6234307.185	13/02/2024	5.824	13/02/2024			2.77			0.78	3.06		3.06	
DU10	WSP2024_PU109	335207.307	6234307.185	11/05/2024	5.824	5/11/2024			2.74			0.78	3.08		3.08	
DU10	WSP2024_PU109	335207.307	6234307.185	5/06/2024	5.824	6/05/2024			2.50			0.78	3.32		3.32	
DU10	WSP2024_PU109	335207.307	6234307.185	13/08/2024	5.824	13/08/2024			2.58			0.78	3.24		3.24	
DU10	WSP2024_PU110	335006.574	6234277.212	13/02/2024	4.968	13/02/2024			2.40			0.78	2.57		2.57	
DU10	WSP2024_PU110	335006.574	6234277.212	11/05/2024	4.968	5/11/2024			2.37			0.78	2.60		2.60	
DU10	WSP2024_PU110	335006.574	6234277.212	5/06/2024	4.968	6/05/2024			1.99			0.78	2.98		2.98	
DU10	WSP2024_PU110	335006.574	6234277.212	13/08/2024	4.968	13/08/2024			2.18			0.78	2.79		2.79	
DU10	WSP2024_PU111	335078.627	6234214.575	13/02/2024	5.755	13/02/2024			2.05			0.78	3.71		3.71	
DU10	WSP2024_PU111	335078.627	6234214.575	11/05/2024	5.755	5/11/2024			2.05			0.78	3.70		3.70	
DU10	WSP2024_PU111	335078.627	6234214.575	5/06/2024	5.755	6/05/2024			1.67			0.78	4.08		4.08	
DU10	WSP2024_PU111	335078.627	6234214.575	13/08/2024	5.755	13/08/2024			1.88			0.78	3.87		3.87	
DU10	WSP2024_PU59	335169.801	6234294.975	11/04/2024	5.427	4/11/2024	1	4	2.42			0.78	3.01		3.01	
DU10	WSP2024_PU59	335169.801	6234294.975	29/04/2024	5.427	29/04/2024	1	4	2.35			0.78	3.07		3.07	
DU10	WSP2024_PU59	335169.801	6234294.975	2/05/2024	5.427	2/05/2024	1	4	2.44			0.78	2.99		2.99	
DU10	WSP2024_PU59	335169.801	6234294.975	8/05/2024	5.427	5/08/2024	1	4	2.21			0.78	3.22		3.22	
DU10	WSP2024_PU60	335126.627	6234322.71	29/04/2024	5.816	29/04/2024	1	4	3.00			0.78	2.82		2.82	
DU10	WSP2024_PU60	335126.627	6234322.71	2/05/2024	5.816	2/05/2024	1	4	3.01			0.78	2.81		2.81	
DU10	WSP2024_PU60	335126.627	6234322.71	8/05/2024	5.816	5/08/2024	1	4	2.79			0.78	3.03		3.03	
DU10	WSP2024_PU61	335005.818	6234314.715	29/04/2024	5.046	29/04/2024	1	4	2.43			0.78	2.62		2.62	
DU10	WSP2024_PU61	335005.818	6234314.715	2/05/2024	5.046	2/05/2024	1	4	2.54			0.78	2.50		2.50	
DU10	WSP2024_PU61	335005.818	6234314.715	8/05/2024	5.046	5/08/2024	1	4	2.31			0.78	2.73		2.73	
DU10	WSP2024_PU99	335067.884	6234364.969	13/02/2024	5.709	13/02/2024			3.11			0.78	2.60		2.60	
DU10	WSP2024_PU99	335067.884	6234364.969	11/05/2024	5.709	5/11/2024			3.10			0.78	2.61		2.61	
DU10	WSP2024_PU99	335067.884	6234364.969	5/06/2024	5.709	6/05/2024			2.82			0.78	2.89		2.89	
DU10	WSP2024_PU99	335067.884	6234364.969	13/08/2024	5.709	13/08/2024			2.93			0.78	2.78		2.78	DU10
DU11	WSP2024_PP04	335151.395	6234550.089	30/04/2024	3.777	30/04/2024	0.5	3.5	1.24			0.78	2.54		2.54	
DU11	WSP2024_PP04	335151.395	6234550.089	11/05/2024	3.777	5/11/2024	0.5	3.5	1.38			0.78	2.40		2.40	
DU11	WSP2024_PP04	335151.395	6234550.089	2/06/2024	3.777	6/02/2024	0.5	3.5	1.43			0.78	2.35		2.35	
DU11	WSP2024_PP04	335151.395	6234550.089	8/06/2024	3.777	6/08/2024	0.5	3.5	1.19			0.78	2.59		2.59	
DU11	WSP2024_PP05	335280.431	6234602.186	30/04/2024	4.401	30/04/2024	1	4	2.48			0.78	1.92		1.92	
DU11	WSP2024_PP05	335280.431	6234602.186	11/05/2024	4.401	5/11/2024	1	4	1.54			0.78	2.86		2.86	
DU11	WSP2024_PP05	335280.431	6234602.186	2/06/2024	4.401	6/02/2024	1	4	1.60			0.78	2.81		2.81	
DU11	WSP2024_PP05	335280.431	6234602.186	8/06/2024	4.401	6/08/2024	1	4	1.40			0.78	3.00		3.00	
DU11	WSP2024_PP07	334972.983	6234448.633	30/04/2024	3.627	30/04/2024	1	4	1.07			0.78	2.56		2.56	
DU11	WSP2024_PP07	334972.983	6234448.633	11/05/2024	3.627	5/11/2024	1	4	1.20			0.78	2.43		2.43	
DU11	WSP2024_PP07	334972.983	6234448.633	2/06/2024	3.627	6/02/2024	1	4	1.17			0.78	2.45		2.45	
DU11	WSP2024_PP07	334972.983	6234448.633	8/06/2024	3.627	6/08/2024	1	4	0.99			0.78	2.64		2.64	
DU11	WSP2024_PP08	335119.81	6234448.449	5/01/2024	3.932	1/05/2024	0.5	3.5	1.22			0.78	2.72		2.72	
DU11	WSP2024_PP08	335119.81	6234448.449	11/06/2024	3.932	6/11/2024	0.5	3.5	1.31			0.78	2.62		2.62	
DU11	WSP2024_PP08	335119.81	6234448.449	2/07/2024	3.932	7/02/2024	0.5	3.5	1.37			0.78	2.56		2.56	
DU11	WSP2024_PP08	335119.81	6234448.449	8/07/2024	3.932	7/08/2024	0.5	3.5	1.14			0.78	2.79		2.79	
DU11	WSP2024_PP09	335269.558	6234430.742	30/04/2024	4.314	30/04/2024	0.5	3.5	1.22			0.78	3.10		3.10	
DU11	WSP2024_PP09	335269.558	6234430.742	11/05/2024	4.314	5/11/2024	0.5	3.5	1.26			0.78	3.06		3.06	
DU11	WSP2024_PP09	335269.558	6234430.742	2/06/2024	4.314	6/02/2024	0.5	3.5	1.30			0.78	3.02		3.02	
DU11	WSP2024_PP09	335269.558	6234430.742	8/06/2024	4.314	6/08/2024	0.5	3.5	1.13			0.78	3.19		3.19	
DU11	WSP2024_PU16	335220.545	6234616.344	5/03/2024	4.319	3/05/2024	1	4	1.47			0.78	2.85		2.85	
DU11	WSP2024_PU16	335220.545	6234616.344	2/09/2024	4.319	9/02/2024	1	4	1.73			0.78	2.59		2.59	
DU11	WSP2024_PU16	335220.545	6234616.344	8/09/2024	4.319	9/08/2024	1	4	1.52			0.78	2.80		2.80	
DU11	WSP2024_PU17	335198.713	6234472.897	5/01/2024	3.919	1/05/2024	1	4	1.17			0.78	2.75		2.75	
DU11	WSP2024_PU17	335198.713	6234472.897	11/06/2024	3.919	6/11/2024	1	4	1.23			0.78	2.69		2.69	
DU11	WSP2024_PU17	335198.713	6234472.897	2/07/2024	3.919	7/02/2024	1	4	1.26			0.78	2.66		2.66	
DU11	WSP2024_PU17	335198.713	6234472.897	8/07/2024	3.919	7/08/2024	1	4	1.09			0.78	2.83		2.83	
DU11	WSP2024_PU18	335177.095	6234419.956	5/01/2024	4.093	1/05/2024	1	4	1.21			0.78	2.88		2.88	
DU11	WSP2024_PU18	335177.095	6234419.956	11/06/2024	4.093	6/11/2024	1	4	1.28			0.78	2.81		2.81	
DU11	WSP2024_PU18	335177.095	6234419.956	2/07/2024	4.093	7/02/2024	1	4	1.32			0.78	2.77		2.77	
DU11	WSP2024_PU18	335177.095	6234419.956	8/07/2024	4.093	7/08/2024	1	4	1.17			0.78	2.93		2.93	
DU11	WSP2024_PU19	335027.698	6234463.916	5/01/2024	3.605	1/05/2024	1	4	1.13			0.78	2.48		2.48	
DU11	WSP2024_PU19	335027.698	6234463.916	11/06/2024	3.605	6/11/2024	1	4	1.21			0.78	2.40		2.40	
DU11	WSP2024_PU19	335027.698	6234463.916	2/07/2024	3.605	7/02/2024	1	4	1.29			0.78	2.32		2.32	
DU11	WSP2024_PU19	335027.698	6234463.916	8/07/2024	3.605	7/08/2024	1	4	1.01			0.78	2.60		2.60	
DU11	WSP2024_PU20	335044.381	6234523.848	5/01/2024	4.826	1/05/2024	1	4	2.32			0.78	2.51		2.51	
DU11	WSP2024_PU20	335044.381	6234523.848	11/06/2024	4.826	6/11/2024	1	4	2.50			0.78	2.33		2.33	
DU11	WSP2024_PU20	335044.381	6234523.848	8/07/2024	4.826	7/08/2024	1	4	2.26			0.78	2.56		2.56	
DU11	WSP2024_PU22	335143.312	6234653.959	5/03/2024	4.77	3/05/2024	1	4	1.17			0.78	3.60		3.60	
DU11	WSP2024_PU22	335143.312	6234653.959	11/08/2024	4.77	11/08/2024	1	4	2.54			0.78	2.23		2.23	
DU11	WSP2024_PU22	335143.312	6234653.959	2/09/2024	4.77	9/02/2024	1	4	2.62			0.78	2.15		2.15	
DU11	WSP2024_PU22	335143.312	6234653.959	8/09/2024	4.77	9/08/2024	1	4	2.34			0.78	2.43		2.43	
DU12	WSP2024_PP06	335465.966	6234549.356	5/03/2024	4.537	3/05/2024	0.5	3.5	0.88			0.78	3.66		3.66	
DU12	WSP2024_PP06	335465.966	6234549.356	11/08/2024	4.537	11/08/2024	0.5	3.5	1.10			0.78	3.44		3.44	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
DU12	WSP2024_PP06	335465.966	6234549.356	2/09/2024	4.537	9/02/2024	0.5	3.5	1.71			0.78	2.83		2.83	
DU12	WSP2024_PP06	335465.966	6234549.356	8/09/2024	4.537	9/08/2024	0.5	3.5	0.84			0.78	3.70		3.70	
DU12	WSP2024_PP10	335453.645	6234415.056	5/03/2024	4.596	3/05/2024	0.5	3.5	0.88			0.78	3.72		3.72	
DU12	WSP2024_PP10	335453.645	6234415.056	11/08/2024	4.596	11/08/2024	0.5	3.5	1.03			0.78	3.56		3.56	
DU12	WSP2024_PP10	335453.645	6234415.056	2/09/2024	4.596	9/02/2024	0.5	3.5	1.03			0.78	3.57		3.57	
DU12	WSP2024_PP10	335453.645	6234415.056	8/09/2024	4.596	9/08/2024	0.5	3.5	0.95			0.78	3.65		3.65	
DU12	WSP2024_PP13	335267.918	6234257.895	11/04/2024	4.264	4/11/2024	0.3	3	0.94			0.78	3.32		3.32	
DU12	WSP2024_PP13	335267.918	6234257.895	29/04/2024	4.264	29/04/2024	0.3	3	0.87			0.78	3.39		3.39	
DU12	WSP2024_PP13	335267.918	6234257.895	2/05/2024	4.264	2/05/2024	0.3	3	0.95			0.78	3.31		3.31	
DU12	WSP2024_PP13	335267.918	6234257.895	8/05/2024	4.264	5/08/2024	0.3	3	0.67			0.78	3.59		3.59	
DU12	WSP2024_PU01	335399.292	6234331.509	11/04/2024	5.231	4/11/2024	1	4	1.71			0.78	3.53		3.53	
DU12	WSP2024_PU01	335399.292	6234331.509	29/04/2024	5.231	29/04/2024	1	4	1.76			0.78	3.47		3.47	
DU12	WSP2024_PU01	335399.292	6234331.509	2/05/2024	5.231	2/05/2024	1	4	1.76			0.78	3.47		3.47	
DU12	WSP2024_PU01	335399.292	6234331.509	8/05/2024	5.231	5/08/2024	1	4	1.61			0.78	3.62		3.62	
DU12	WSP2024_PU02	335317.649	6234331.376	11/04/2024	5.391	4/11/2024	1	4	2.15			0.78	3.24		3.24	
DU12	WSP2024_PU02	335317.649	6234331.376	29/04/2024	5.391	29/04/2024	1	4	2.15			0.78	3.24		3.24	
DU12	WSP2024_PU02	335317.649	6234331.376	2/05/2024	5.391	2/05/2024	1	4	2.20			0.78	3.19		3.19	
DU12	WSP2024_PU02	335317.649	6234331.376	8/05/2024	5.391	5/08/2024	1	4	2.97			0.78	2.42		2.42	
DU12	WSP2024_PU102	335409.694	6234314.564	13/02/2024	5.369	13/02/2024			1.70			0.78	3.67		3.67	
DU12	WSP2024_PU102	335409.694	6234314.564	11/05/2024	5.369	5/11/2024			1.71			0.78	3.66		3.66	
DU12	WSP2024_PU102	335409.694	6234314.564	5/06/2024	5.369	6/05/2024			1.32			0.78	4.05		4.05	
DU12	WSP2024_PU102	335409.694	6234314.564	13/08/2024	5.369	13/08/2024			1.62			0.78	3.75		3.75	
DU12	WSP2024_PU23	335326.638	6234582.509	5/03/2024	5.658	3/05/2024	1	4	2.38			0.78	3.28		3.28	
DU12	WSP2024_PU23	335326.638	6234582.509	11/08/2024	5.658	11/08/2024	1	4	2.59			0.78	3.07		3.07	
DU12	WSP2024_PU23	335326.638	6234582.509	2/09/2024	5.658	9/02/2024	1	4	2.61			0.78	3.05		3.05	
DU12	WSP2024_PU23	335326.638	6234582.509	8/09/2024	5.658	9/08/2024	1	4	2.41			0.78	3.25		3.25	
DU12	WSP2024_PU24	335399.481	6234577.477	5/03/2024	5.496	3/05/2024	0.5	3.5	1.88			0.78	3.61		3.61	
DU12	WSP2024_PU24	335399.481	6234577.477	11/08/2024	5.496	11/08/2024	0.5	3.5	2.19			0.78	3.31		3.31	
DU12	WSP2024_PU24	335399.481	6234577.477	2/09/2024	5.496	9/02/2024	0.5	3.5	2.11			0.78	3.39		3.39	
DU12	WSP2024_PU24	335399.481	6234577.477	8/09/2024	5.496	9/08/2024	0.5	3.5	1.95			0.78	3.55		3.55	
DU12	WSP2024_PU25	335306.087	6234509.69	5/03/2024	5.487	3/05/2024	1	4	2.32			0.78	3.17		3.17	
DU12	WSP2024_PU25	335306.087	6234509.69	11/08/2024	5.487	11/08/2024	1	4	2.42			0.78	3.07		3.07	
DU12	WSP2024_PU25	335306.087	6234509.69	2/09/2024	5.487	9/02/2024	1	4	4.02			0.78	1.47		1.47	
DU12	WSP2024_PU25	335306.087	6234509.69	8/09/2024	5.487	9/08/2024	1	4	2.28			0.78	3.21		3.21	
DU12	WSP2024_PU26	335426.683	6234488.049	5/03/2024	5.809	3/05/2024	1	4	2.13			0.78	3.68		3.68	
DU12	WSP2024_PU26	335426.683	6234488.049	11/08/2024	5.809	11/08/2024	1	4	2.39			0.78	3.42		3.42	
DU12	WSP2024_PU26	335426.683	6234488.049	2/09/2024	5.809	9/02/2024	1	4	2.25			0.78	3.56		3.56	
DU12	WSP2024_PU26	335426.683	6234488.049	8/09/2024	5.809	9/08/2024	1	4	2.23			0.78	3.58		3.58	
DU12	WSP2024_PU27	335302.295	6234403.019	5/03/2024	5.52	3/05/2024	1	4	2.10			0.78	3.42		3.42	
DU12	WSP2024_PU27	335302.295	6234403.019	11/08/2024	5.52	11/08/2024	1	4	2.34			0.78	3.18		3.18	
DU12	WSP2024_PU27	335302.295	6234403.019	2/09/2024	5.52	9/02/2024	1	4	1.00			0.78	4.52		4.52	
DU12	WSP2024_PU27	335302.295	6234403.019	8/09/2024	5.52	9/08/2024	1	4	1.96			0.78	3.56		3.56	
DU12	WSP2024_PU28	335411.665	6234397.257	5/03/2024	5.621	3/05/2024	1	4	1.95			0.78	3.67		3.67	
DU12	WSP2024_PU28	335411.665	6234397.257	11/08/2024	5.621	11/08/2024	1	4	2.23			0.78	3.39		3.39	
DU12	WSP2024_PU28	335411.665	6234397.257	2/09/2024	5.621	9/02/2024	1	4	2.17			0.78	3.45		3.45	
DU12	WSP2024_PU28	335411.665	6234397.257	8/09/2024	5.621	9/08/2024	1	4	2.04			0.78	3.58		3.58	
DU12	WSP2024_PU29	335446.997	6234577.686	5/03/2024	5.692	3/05/2024	1	4	2.03			0.78	3.66		3.66	
DU12	WSP2024_PU29	335446.997	6234577.686	11/08/2024	5.692	11/08/2024	1	4	2.27			0.78	3.42		3.42	
DU12	WSP2024_PU29	335446.997	6234577.686	2/09/2024	5.692	9/02/2024	1	4	2.32			0.78	3.37		3.37	
DU12	WSP2024_PU29	335446.997	6234577.686	8/09/2024	5.692	9/08/2024	1	4	2.01			0.78	3.68		3.68	
DU12	WSP2024_PU62	335376.673	6234444.995	5/03/2024	5.502	3/05/2024	1	4	2.03			0.78	3.48		3.48	
DU12	WSP2024_PU62	335376.673	6234444.995	11/08/2024	5.502	11/08/2024	1	4	2.22			0.78	3.28		3.28	
DU12	WSP2024_PU62	335376.673	6234444.995	2/09/2024	5.502	9/02/2024	1	4	1.95			0.78	3.55		3.55	
DU12	WSP2024_PU62	335376.673	6234444.995	8/09/2024	5.502	9/08/2024	1	4	2.07			0.78	3.43		3.43	
DU12	WSP2024_PU63	335355.357	6234398.345	5/03/2024	5.414	3/05/2024	1	4	1.93			0.78	3.48		3.48	
DU12	WSP2024_PU63	335355.357	6234398.345	11/08/2024	5.414	11/08/2024	1	4	2.17			0.78	3.25		3.25	
DU12	WSP2024_PU63	335355.357	6234398.345	2/09/2024	5.414	9/02/2024	1	4	2.15			0.78	3.26		3.26	
DU12	WSP2024_PU63	335355.357	6234398.345	8/09/2024	5.414	9/08/2024	1	4	2.01			0.78	3.40		3.40	
DU12	WSP2024_PU64	335378.751	6234535.921	5/03/2024	5.496	3/05/2024	1	4	2.17			0.78	3.33		3.33	
DU12	WSP2024_PU64	335378.751	6234535.921	11/08/2024	5.496	11/08/2024	1	4	2.34			0.78	3.16		3.16	
DU12	WSP2024_PU64	335378.751	6234535.921	2/09/2024	5.496	9/02/2024	1	4	2.37			0.78	3.13		3.13	
DU12	WSP2024_PU64	335378.751	6234535.921	8/09/2024	5.496	9/08/2024	1	4	2.21			0.78	3.29		3.29	
DU12	WSP2024_PU76	335436.177	6234327.372	30/04/2024	5.292	30/04/2024	1	4.5	1.60			0.78	3.70		3.70	
DU12	WSP2024_PU76	335436.177	6234327.372	11/05/2024	5.292	5/11/2024	1	4.5	1.75			0.78	3.54		3.54	
DU12	WSP2024_PU76	335436.177	6234327.372	2/06/2024	5.292	6/02/2024	1	4.5	1.65			0.78	3.64		3.64	
DU12	WSP2024_PU76	335436.177	6234327.372	8/06/2024	5.292	6/08/2024	1	4.5	1.56			0.78	3.74		3.74	
DU12	WSP2024_PU78	335313.927	6234451.724	5/03/2024	5.737	3/05/2024	1	4	2.42			0.78	3.32		3.32	
DU12	WSP2024_PU78	335313.927	6234451.724	11/08/2024	5.737	11/08/2024	1	4	2.59			0.78	3.15		3.15	
DU12	WSP2024_PU78	335313.927	6234451.724	2/09/2024	5.737	9/02/2024	1	4	2.66			0.78	3.08		3.08	
DU12	WSP2024_PU78	335313.927	6234451.724	8/09/2024	5.737	9/08/2024	1	4	2.45			0.78	3.29		3.29	
DU12	WSP2024_PU79	335392.858	6234372.852	5/03/2024	5.255	3/05/2024	1	4	1.61			0.78	3.65		3.65	
DU12	WSP2024_PU79	335392.858	6234372.852	11/08/2024	5.255	11/08/2024	1	4	1.84			0.78	3.42		3.42	
DU12	WSP2024_PU79	335392.858	6234372.852	2/09/2024	5.255	9/02/2024	1	4	1.84			0.78	3.42		3.42	
DU12	WSP2024_PU79	335392.858	6234372.852	8/09/2024	5.255	9/08/2024	1	4	1.71			0.78	3.55		3.55	
DU12	WSP2024_PU80	335432.265	6234365.576	5/03/2024	5.31	3/05/2024	1	4	1.57			0.78	3.75		3.75	
DU12	WSP2024_PU80	335432.265	6234365.576	11/08/2024	5.31	11/08/2024	1	4	1.79			0.78	3.53		3.53	
DU12	WSP2024_PU80	335432.265	6234365.576	2/09/2024	5.31	9/02/2024	1	4	1.77			0.78	3.54		3.54	
DU12	WSP2024_PU80	335432.265	6234365.576	8/09/2024	5.31	9/08/2024	1	4	1.67			0.78	3.64		3.64	
DU12	WSP2024_PU81	335430.272	6234439.231	5/03/2024	5.843	3/05/2024	1	4	2.23			0.78	3.61		3.61	
DU12	WSP2024_PU81	335430.272	6234439.231	11/08/2024	5.843	11/08/2024	1	4	2.41			0.78	3.43		3.43	
DU12	WSP2024_PU81	335430.272	6234439.231	2/09/2024	5.843	9/02/2024	1	4	2.39			0.78	3.45		3.45	
DU12	WSP2024_PU81	335430.272	6234439.231	8/09/2024	5.843	9/08/2024	1	4	2.23			0.78	3.62		3.62	
DU12	WSP2024_PU82	335447.126	6234493.415	5/03/2024	5.741	3/05/2024	1	4	1.93			0.78	3.81		3.81	
DU12	WSP2024_PU82	335447.126	6234493.415	11/08/2024	5.741	11/08/2024	1	4	2.23			0.78	3.51		3.51	
DU12	WSP2024_PU82	335447.126	6234493.415	2/09/2024	5.741	9/02/2024	1	4	2.26			0.78	3.48		3.48	
DU12	WSP2024_PU82	335447.126	6234493.415	8/09/2024	5.741	9/08/2024	1	4	2.09			0.78	3.65		3.65	
DU12	WSP2024_PU83	335358.308	6234501.731	5/03/2024	5.578	3/05/2024	1	4	2.26			0.78	3.32		3.32	
DU12	WSP2024_PU83	335358.308	6234501.731	11/08/2024	5.578	11/08/2024	1	4	1.45			0.78	4.13		4.13	
DU12	WSP2024_PU83	335358.308	6234501.731	2/09/2024	5.578	9/02/2024	1	4	2.43			0.78	3.15		3.15	
DU12	WSP2024_PU83	335358.308	6234501.731	8/09/2024	5.578	9/08/2024	1	4	2.27			0.78	3.31		3.31	
DU12	WSP2024_PU84	335341.823	6234559.69	5/03/2024	5.593	3/05/2024	1	4	2.35			0.78	3.25		3.25	
DU12	WSP2024_PU84	335341.823	6234559.69	11/08/2024	5.593	11/08/2024	1	4	2.25			0.78	3.34		3.34	
DU12	WSP2024_PU84	335341.823	6234559.69	2/09/2024	5.593	9/02/2024	1	4	2.54			0.78	3.06		3.06	
DU12	WSP2024_PU84	335341.823	6234559.69	8/09/2024	5.593	9/08/2024	1	4	2.37			0.78	3.23		3.23	
DU12	WSP2024_PU85	335318.413	6234628.211	5/03/2024	5.385	3/05/2024	1	4	2.13			0.78	3.25		3.25	
DU12	WSP2024_PU85	335318.413	6234628.211	11/08/2024	5.385	11/08/2024	1	4	2.38			0.78	3.01		3.01	
DU12	WSP2024_PU85	335318.413	6234628.211	2/09/2024	5.385	9/02/2024	1	4	2.29			0.78	3.10		3.10	
DU12	WSP2024_PU85	335318.413	6234628.211	8/09/2024	5.385	9/08/2024	1	4	2.23			0.78	3.16		3.16	
DU12	WSP2024_PU86	335433.222	6234612.884	5/03/2024	5.364	3/05/2024	1	4	1.56			0.78	3.80		3.80	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
DU12	WSP2024_PU86	335433.222	6234612.884	11/08/2024	5.364	11/08/2024	1	4	1.99			0.78	3.37		3.37	
DU12	WSP2024_PU86	335433.222	6234612.884	2/09/2024	5.364	9/02/2024	1	4	2.01			0.78	3.35		3.35	
DU12	WSP2024_PU86	335433.222	6234612.884	8/09/2024	5.364	9/08/2024	1	4	1.72			0.78	3.64		3.64	
DU12	WSP2024_PU87	335426.596	6234546.685	5/03/2024	5.372	3/05/2024	1	4	1.50			0.78	3.88		3.88	
DU12	WSP2024_PU87	335426.596	6234546.685	11/08/2024	5.372	11/08/2024	1	4	2.04			0.78	3.33		3.33	
DU12	WSP2024_PU87	335426.596	6234546.685	2/09/2024	5.372	9/02/2024	1	4	2.01			0.78	3.36		3.36	
DU12	WSP2024_PU87	335426.596	6234546.685	8/09/2024	5.372	9/08/2024	1	4	1.76			0.78	3.61		3.61	
DU13	WSP2024_PMW60	335457.031	6234194.502	11/07/2024	12.298	7/11/2024	0.5	4.5	0.10			0.78	12.20		12.20	
DU13	WSP2024_PMW60	335457.031	6234194.502	2/08/2024	12.298	8/02/2024	0.5	4.5	0.46			0.78	11.84		11.84	
DU13	WSP2024_PMW60	335457.031	6234194.502	8/08/2024	12.298	8/08/2024	0.5	4.5	0.15			0.78	12.15		12.15	
DU14	WSP2024_PP17	335215.377	6234037.643	29/04/2024	11.623	29/04/2024	0.3	2	2.59			0.78	9.03		9.03	overgrown, only enough GW to fill volatiles vials
DU14	WSP2024_PP17	335215.377	6234037.643	2/05/2024	11.623	2/05/2024	0.3	2	2.67			0.78	8.95		8.95	Insufficient water volume for sampling.
DU14	WSP2024_PP17	335215.377	6234037.643	8/05/2024	11.623	5/08/2024	0.3	2	2.47			0.78	9.15		9.15	
DU15	WSP2024_PMW08	335786.168	6233963.838	11/07/2024	19.034	7/11/2024	1.5	5	3.35			0.78	15.69		15.69	
DU15	WSP2024_PMW08	335786.168	6233963.838	8/08/2024	19.034	8/08/2024	1.5	5	2.58			0.78	16.46		16.46	
DU15	WSP2024_PMW100	335710.208	6233890.724	30/04/2024	22.439	30/04/2024	3.2	9.2	9.02			0.78	13.42		13.42	
DU15	WSP2024_PMW100	335710.208	6233890.724	11/05/2024	22.439	5/11/2024	3.2	9.2	8.26			0.78	14.18		14.18	
DU15	WSP2024_PMW100	335710.208	6233890.724	2/06/2024	22.439	6/02/2024	3.2	9.2	9.15			0.78	13.29		13.29	
DU15	WSP2024_PMW100	335710.208	6233890.724	8/06/2024	22.439	6/08/2024	3.2	9.2	7.63			0.78	14.81		14.81	
DU15	WSP2024_PMW101	335711.691	6233876.88	30/04/2024	22.698	30/04/2024	3.2	9.2	9.29			0.78	13.41		13.41	
DU15	WSP2024_PMW101	335711.691	6233876.88	11/05/2024	22.698	5/11/2024	3.2	9.2	8.52			0.78	14.18		14.18	
DU15	WSP2024_PMW101	335711.691	6233876.88	2/06/2024	22.698	6/02/2024	3.2	9.2	9.43			0.78	13.27		13.27	
DU15	WSP2024_PMW101	335711.691	6233876.88	8/06/2024	22.698	6/08/2024	3.2	9.2	7.91			0.78	14.79		14.79	
DU15	WSP2024_PMW102	335700.077	6233866.289	30/04/2024	22.743	30/04/2024	3.6	9.6	9.39			0.78	13.35		13.35	
DU15	WSP2024_PMW102	335700.077	6233866.289	2/06/2024	22.743	6/02/2024	3.6	9.6	9.53			0.78	13.21		13.21	
DU15	WSP2024_PMW102	335700.077	6233866.289	8/06/2024	22.743	6/08/2024	3.6	9.6	8.09			0.78	14.66		14.66	
DU15	WSP2024_PMW102	335700.077	6233866.289	11/06/2024	22.743	6/11/2024	3.6	9.6	8.68			0.78	14.07		14.07	
DU15	WSP2024_PMW103	335666.201	6233851.571	30/04/2024	20.088	30/04/2024	3.3	9.3	6.89			0.78	13.20		13.20	
DU15	WSP2024_PMW103	335666.201	6233851.571	11/05/2024	20.088	5/11/2024	3.3	9.3	6.32			0.78	13.77		13.77	
DU15	WSP2024_PMW103	335666.201	6233851.571	8/06/2024	20.088	6/08/2024	3.3	9.3	5.77			0.78	14.32		14.32	
DU15	WSP2024_PMW104	335646.221	6233897.425	30/04/2024	19.829	30/04/2024	3.8	9.8	6.72			0.78	13.11		13.11	
DU15	WSP2024_PMW104	335646.221	6233897.425	11/05/2024	19.829	5/11/2024	3.8	9.8	6.16			0.78	13.67		13.67	
DU15	WSP2024_PMW104	335646.221	6233897.425	2/06/2024	19.829	6/02/2024	3.8	9.8	6.81			0.78	13.02		13.02	
DU15	WSP2024_PMW104	335646.221	6233897.425	8/06/2024	19.829	6/08/2024	3.8	9.8	5.72			0.78	14.11		14.11	
DU15	WSP2024_PMW105	335648.467	6233918.042	30/04/2024	19.423	30/04/2024	3.3	9.3	6.33			0.78	13.09		13.09	
DU15	WSP2024_PMW105	335648.467	6233918.042	11/05/2024	19.423	5/11/2024	3.3	9.3	5.74			0.78	13.69		13.69	
DU15	WSP2024_PMW105	335648.467	6233918.042	2/06/2024	19.423	6/02/2024	3.3	9.3	6.40			0.78	13.02		13.02	
DU15	WSP2024_PMW105	335648.467	6233918.042	8/06/2024	19.423	6/08/2024	3.3	9.3	5.29			0.78	14.13		14.13	
DU15	WSP2024_PMW106	335574.26	6233905.388	30/04/2024	17.312	30/04/2024	2	6	4.48			0.78	12.83		12.83	
DU15	WSP2024_PMW106	335574.26	6233905.388	11/05/2024	17.312	5/11/2024	2	6	4.19			0.78	13.12		13.12	
DU15	WSP2024_PMW106	335574.26	6233905.388	2/06/2024	17.312	6/02/2024	2	6	4.53			0.78	12.79		12.79	
DU15	WSP2024_PMW106	335574.26	6233905.388	8/06/2024	17.312	6/08/2024	2	6	3.89			0.78	13.42		13.42	
DU15	WSP2024_PMW31	335557.1275	6233926.397	5/02/2024	13.63	2/05/2024	1.8	4.8	0.70			0.78	12.93		12.93	
DU15	WSP2024_PMW31	335557.1275	6233926.397	11/07/2024	13.63	7/11/2024	1.8	4.8	0.62			0.78	13.01		13.01	
DU15	WSP2024_PMW31	335557.1275	6233926.397	2/08/2024	13.63	8/02/2024	1.8	4.8	0.98			0.78	12.65		12.65	
DU15	WSP2024_PMW31	335557.1275	6233926.397	8/08/2024	13.63	8/08/2024	1.8	4.8	0.33			0.78	13.30		13.30	
DU15	WSP2024_PMW91	335629.045	6233867.324	30/04/2024	19.587	30/04/2024	4	8.14	6.55			0.78	13.04		13.04	
DU15	WSP2024_PMW91	335629.045	6233867.324	11/05/2024	19.587	5/11/2024	4	8.14	6.06			0.78	13.53		13.53	
DU15	WSP2024_PMW91	335629.045	6233867.324	8/06/2024	19.587	6/08/2024	4	8.14	5.68			0.78	13.91		13.91	
DU15	WSP2024_PU77	335556.643	6234067.894	5/02/2024	13.693	2/05/2024	0.5	3.5	1.06			0.78	12.63		12.63	
DU15	WSP2024_PU77	335556.643	6234067.894	11/07/2024	13.693	7/11/2024	0.5	3.5	1.15			0.78	12.55		12.55	
DU15	WSP2024_PU77	335556.643	6234067.894	2/08/2024	13.693	8/02/2024	0.5	3.5	1.21			0.78	12.49		12.49	
DU15	WSP2024_PU77	335556.643	6234067.894	8/08/2024	13.693	8/08/2024	0.5	3.5	0.98			0.78	12.72		12.72	
DU16	WSP2024_PMW33	335656.695	6233997.23	5/02/2024	15.631	2/05/2024	2.9	5.9	2.29			0.78	13.35		13.35	
DU16	WSP2024_PMW33	335656.695	6233997.23	11/07/2024	15.631	7/11/2024	2.9	5.9	1.38			0.78	14.25		14.25	
DU16	WSP2024_PMW33	335656.695	6233997.23	2/08/2024	15.631	8/02/2024	2.9	5.9	2.43			0.78	13.20		13.20	
DU16	WSP2024_PMW33	335656.695	6233997.23	8/08/2024	15.631	8/08/2024	2.9	5.9	1.09			0.78	14.54		14.54	
DU16	WSP2024_PMW61	335505.982	6234226.912	5/02/2024	13.509	2/05/2024	1	4	2.14			0.78	11.37		11.37	
DU16	WSP2024_PMW61	335505.982	6234226.912	11/07/2024	13.509	7/11/2024	1	4	2.34			0.78	11.17		11.17	
DU16	WSP2024_PMW61	335505.982	6234226.912	2/08/2024	13.509	8/02/2024	1	4	2.21			0.78	11.30		11.30	
DU16	WSP2024_PMW61	335505.982	6234226.912	8/08/2024	13.509	8/08/2024	1	4	2.00			0.78	11.51		11.51	
DU16	WSP2024_PU46	335607.551	6234671.613	5/02/2024	13.195	2/05/2024	6.5	12.5	8.91			0.78	4.29		4.29	
DU16	WSP2024_PU46	335607.551	6234671.613	11/07/2024	13.195	7/11/2024	6.5	12.5	9.15			0.78	4.05		4.05	
DU16	WSP2024_PU46	335607.551	6234671.613	2/08/2024	13.195	8/02/2024	6.5	12.5	9.41			0.78	3.79		3.79	
DU16	WSP2024_PU46	335607.551	6234671.613	8/08/2024	13.195	8/08/2024	6.5	12.5	8.16			0.78	5.03		5.03	
DU16	WSP2024_PU47	335594.017	6234585.137	5/02/2024	13.327	2/05/2024	7	13	8.91			0.78	4.42		4.42	
DU16	WSP2024_PU47	335594.017	6234585.137	11/07/2024	13.327	7/11/2024	7	13	9.28			0.78	4.05		4.05	
DU16	WSP2024_PU47	335594.017	6234585.137	2/08/2024	13.327	8/02/2024	7	13	9.44			0.78	3.89		3.89	
DU16	WSP2024_PU47	335594.017	6234585.137	8/08/2024	13.327	8/08/2024	7	13	8.06			0.78	5.27		5.27	
DU16	WSP2024_PU48	335579.468	6234497.553	5/02/2024	13.503	2/05/2024	4	10	9.06			0.78	4.44		4.44	
DU16	WSP2024_PU48	335579.468	6234497.553	11/07/2024	13.503	7/11/2024	4	10	9.53			0.78	3.97		3.97	
DU16	WSP2024_PU48	335579.468	6234497.553	2/08/2024	13.503	8/02/2024	4	10	9.59			0.78	3.92		3.92	
DU16	WSP2024_PU48	335579.468	6234497.553	8/08/2024	13.503	8/08/2024	4	10	8.68			0.78	4.82		4.82	
DU16	WSP2024_PU49	335524.112	6234475.489	5/02/2024	9.778	2/05/2024	4	10	5.68			0.78	4.10		4.10	
DU16	WSP2024_PU49	335524.112	6234475.489	11/07/2024	9.778	7/11/2024	4	10	6.02			0.78	3.76		3.76	
DU16	WSP2024_PU49	335524.112	6234475.489	2/08/2024	9.778	8/02/2024	4	10	6.04			0.78	3.74		3.74	
DU16	WSP2024_PU49	335524.112	6234475.489	8/08/2024	9.778	8/08/2024	4	10	5.68			0.78	4.10		4.10	
DU16	WSP2024_PU51	335515.531	6234356.798	5/02/2024	10.708	2/05/2024	3.2	6	5.85			0.78	4.86		4.86	
DU16	WSP2024_PU51	335515.531	6234356.798	11/07/2024	10.708	7/11/2024	3.2	6	6.51			0.78	4.20		4.20	
DU16	WSP2024_PU51	335515.531	6234356.798	2/08/2024	10.708	8/02/2024	3.2	6	6.50			0.78	4.21		4.21	
DU16	WSP2024_PU51	335515.531	6234356.798	8/08/2024	10.708	8/08/2024	3.2	6	6.43			0.78	4.28		4.28	
DU16	WSP2024_PU66	335633.885	6234685.37	5/02/2024	13.676	2/05/2024	6.5	12.5	9.23			0.78	4.44		4.44	
DU16	WSP2024_PU66	335633.885	6234685.37	11/07/2024	13.676	7/11/2024	6.5	12.5	9.46			0.78	4.22		4.22	
DU16	WSP2024_PU66	335633.885	6234685.37	2/08/2024	13.676	8/02/2024	6.5	12.5	9.80			0.78	3.88		3.88	
DU16	WSP2024_PU66	335633.885	6234685.37	8/08/2024	13.676	8/08/2024	6.5	12.5	8.18			0.78	5.50		5.50	
DU16	WSP2024_PU67	335614.951	6234543.151	5/02/2024	13.778	2/05/2024	6.5	12.5	9.03			0.78	4.75		4.75	
DU16	WSP2024_PU67	335614.951	6234543.151	11/07/2024	13.778	7/11/2024	6.5	12.5	9.67			0.78	4.11		4.11	
DU16	WSP2024_PU67	335614.951	6234543.151	2/08/2024	13.778	8/02/2024	6.5	12.5	9.69			0.78	4.09		4.09	
DU16	WSP2024_PU67	335614.951	6234543.151	8/08/2024	13.778	8/08/2024	6.5	12.5	8.41			0.78	5.37		5.37	
DU16	WSP2024_PU68	335593.538	6234393.675	5/02/2024	14.566	2/05/2024	0.5	1.5	1.29			0.78	13.27		13.27	
DU16	WSP2024_PU68	335593.538	6234393.675	11/07/2024	14.566	7/11/2024	0.5	1.5	1.65			0.78	12.92		12.92	
DU16	WSP2024_PU68	335593.538	6234393.675	2/08/2024	14.566	8/02/2024	0.5	1.5	1.61			0.78	12.96		12.96	
DU16	WSP2024_PU68	335593.538	6234393.675	8/08/2024	14.566	8/08/2024	0.5	1.5	1.60			0.78	12.97		12.97	
DU16	WSP2024_PU69	335517.023	6234423.788	5/02/2024	9.835	2/05/2024	3.8	9.8	5.87			0.78	3.97		3.97	
DU16	WSP2024_PU69	335517.023	6234423.788	11/07/2024	9.835	7/11/2024	3.8	9.8	6.10			0.78	3.74		3.74	
DU16	WSP2024_PU69	335517.023	6234423.788	2/08/2024	9.835	8/02/2024	3.8	9.8	6.12			0.78	3.71		3.71	
DU16	WSP2024_PU69	335517.023	6234423.788	8/08/2024	9.835	8/08/2024	3.8	9.8	5.80			0.78	4.04		4.04	
DU16	WSP2024_PU70	335534.482	6234531.865	5/02/2024	8.962	2/05/2024	4	10	4.80			0.78	4.16		4.16	
DU16	WSP2024_PU70	335534.482	6234531.865	11/07/2024	8.962	7/11/2024	4	10	5.91			0.78	3.05		3.05	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
DU16	WSP2024_PU70	335534.482	6234531.865	2/08/2024	8.962	8/02/2024	4	10	5.87			0.78	3.10		3.10	
DU16	WSP2024_PU70	335534.482	6234531.865	8/08/2024	8.962	8/08/2024	4	10	4.49			0.78	4.47		4.47	
DU16	WSP2024_PU71	335566.421	6234562.044	5/02/2024	9.488	2/05/2024	4	10	5.17			0.78	4.32		4.32	
DU16	WSP2024_PU71	335566.421	6234562.044	11/07/2024	9.488	7/11/2024	4	10	6.00			0.78	3.49		3.49	
DU16	WSP2024_PU71	335566.421	6234562.044	2/08/2024	9.488	8/02/2024	4	10	5.64			0.78	3.85		3.85	
DU16	WSP2024_PU71	335566.421	6234562.044	8/08/2024	9.488	8/08/2024	4	10	4.62			0.78	4.87		4.87	
DU16	WSP2024_PU72	335540.183	6234583.583	5/02/2024	9.037	2/05/2024	4	10	4.86			0.78	4.18		4.18	
DU16	WSP2024_PU72	335540.183	6234583.583	11/07/2024	9.037	7/11/2024	4	10	5.17			0.78	3.87		3.87	
DU16	WSP2024_PU72	335540.183	6234583.583	2/08/2024	9.037	8/02/2024	4	10	5.28			0.78	3.76		3.76	
DU16	WSP2024_PU72	335540.183	6234583.583	8/08/2024	9.037	8/08/2024	4	10	4.42			0.78	4.61		4.61	
DU16	WSP2024_PU73	335549.22	6234644.224	5/02/2024	9.014	2/05/2024	4	10	4.90			0.78	4.12		4.12	
DU16	WSP2024_PU73	335549.22	6234644.224	11/07/2024	9.014	7/11/2024	4	10	5.20			0.78	3.81		3.81	
DU16	WSP2024_PU73	335549.22	6234644.224	2/08/2024	9.014	8/02/2024	4	10	5.32			0.78	3.70		3.70	
DU16	WSP2024_PU73	335549.22	6234644.224	8/08/2024	9.014	8/08/2024	4	10	4.48			0.78	4.53		4.53	
DU16	WSP2024_PU75	335487.476	6234329.629	30/04/2024	6.37	30/04/2024	2.5	5.5	2.30			0.78	4.07		4.07	
DU16	WSP2024_PU75	335487.476	6234329.629	11/05/2024	6.37	5/11/2024	2.5	5.5	2.37			0.78	4.00		4.00	
DU16	WSP2024_PU75	335487.476	6234329.629	2/06/2024	6.37	6/02/2024	2.5	5.5	2.29			0.78	4.08		4.08	
DU16	WSP2024_PU75	335487.476	6234329.629	8/06/2024	6.37	6/08/2024	2.5	5.5	2.12			0.78	4.25		4.25	
DU16	WSP2024_PU94	335527.14	6234492.722	5/02/2024	10.127	2/05/2024	6	9	6.06			0.78	4.06		4.06	
DU16	WSP2024_PU94	335527.14	6234492.722	11/07/2024	10.127	7/11/2024	6	9	6.35			0.78	3.78		3.78	
DU16	WSP2024_PU94	335527.14	6234492.722	2/08/2024	10.127	8/02/2024	6	9	6.39			0.78	3.74		3.74	
DU16	WSP2024_PU94	335527.14	6234492.722	8/08/2024	10.127	8/08/2024	6	9	5.96			0.78	4.17		4.17	
DU16	WSP2024_PU95	335537.658	6234552.328	5/02/2024	9.112	2/05/2024	4.1	7.6	4.97			0.78	4.14		4.14	
DU16	WSP2024_PU95	335537.658	6234552.328	11/07/2024	9.112	7/11/2024	4.1	7.6	5.23			0.78	3.88		3.88	
DU16	WSP2024_PU95	335537.658	6234552.328	2/08/2024	9.112	8/02/2024	4.1	7.6	5.33			0.78	3.78		3.78	
DU16	WSP2024_PU95	335537.658	6234552.328	8/08/2024	9.112	8/08/2024	4.1	7.6	4.54			0.78	4.57		4.57	
DU16	WSP2024_PU96	335538.479	6234563.006	5/02/2024	9.11	2/05/2024	4.9	7.9	4.93			0.78	4.18		4.18	
DU16	WSP2024_PU96	335538.479	6234563.006	11/07/2024	9.11	7/11/2024	4.9	7.9	5.22			0.78	3.89		3.89	
DU16	WSP2024_PU96	335538.479	6234563.006	2/08/2024	9.11	8/02/2024	4.9	7.9	5.34			0.78	3.78		3.78	
DU16	WSP2024_PU96	335538.479	6234563.006	8/08/2024	9.11	8/08/2024	4.9	7.9	4.51			0.78	4.60		4.60	
DU16	WSP2024_PU97	335543.161	6234591.321	5/02/2024	9.368	2/05/2024	6	9	5.16			0.78	4.21		4.21	
DU16	WSP2024_PU97	335543.161	6234591.321	11/07/2024	9.368	7/11/2024	6	9	5.48			0.78	3.89		3.89	
DU16	WSP2024_PU97	335543.161	6234591.321	2/08/2024	9.368	8/02/2024	6	9	5.61			0.78	3.76		3.76	
DU16	WSP2024_PU97	335543.161	6234591.321	8/08/2024	9.368	8/08/2024	6	9	4.69			0.78	4.68		4.68	
DU16	WSP2024_PU98	335542.91	6234597.404	5/02/2024	9.099	2/05/2024	5	8	4.92			0.78	4.18		4.18	
DU16	WSP2024_PU98	335542.91	6234597.404	11/07/2024	9.099	7/11/2024	5	8	5.22			0.78	3.88		3.88	
DU16	WSP2024_PU98	335542.91	6234597.404	2/08/2024	9.099	8/02/2024	5	8	5.35			0.78	3.75		3.75	
DU16	WSP2024_PU98	335542.91	6234597.404	8/08/2024	9.099	8/08/2024	5	8	4.46			0.78	4.64		4.64	
DU16	WSP2024_W08	335500.822	6234410.513	30/04/2024	7.212	30/04/2024	1	8	3.45			0.78	3.77		3.77	
DU16	WSP2024_W08	335500.822	6234410.513	11/05/2024	7.212	5/11/2024	1	8	3.57			0.78	3.64		3.64	
DU16	WSP2024_W08	335500.822	6234410.513	2/06/2024	7.212	6/02/2024	1	8	3.52			0.78	3.69		3.69	
DU16	WSP2024_W08	335500.822	6234410.513	8/06/2024	7.212	6/08/2024	1	8	3.42			0.78	3.80		3.80	
DU16	WSP2024_W09	335508.025	6234455.662	30/04/2024	7.436	30/04/2024	1	8	3.62			0.78	3.82		3.82	
DU16	WSP2024_W09	335508.025	6234455.662	11/05/2024	7.436	5/11/2024	1	8	4.03			0.78	3.41		3.41	
DU16	WSP2024_W09	335508.025	6234455.662	2/06/2024	7.436	6/02/2024	1	8	3.73			0.78	3.71		3.71	
DU16	WSP2024_W09	335508.025	6234455.662	8/06/2024	7.436	6/08/2024	1	8	3.55			0.78	3.89		3.89	
DU16	WSP2024_W10	335510.747	6234479.834	30/04/2024	6.797	30/04/2024	1	4.5	2.96			0.78	3.84		3.84	
DU16	WSP2024_W10	335510.747	6234479.834	11/05/2024	6.797	5/11/2024	1	4.5	3.10			0.78	3.70		3.70	
DU16	WSP2024_W10	335510.747	6234479.834	2/06/2024	6.797	6/02/2024	1	4.5	3.10			0.78	3.70		3.70	
DU16	WSP2024_W10	335510.747	6234479.834	8/06/2024	6.797	6/08/2024	1	4.5	2.85			0.78	3.95		3.95	
DU16	WSP2024_W11	335513.634	6234494.397	30/04/2024	7.451	30/04/2024	1	8	3.60			0.78	3.85		3.85	
DU16	WSP2024_W11	335513.634	6234494.397	11/05/2024	7.451	5/11/2024	1	8	3.75			0.78	3.70		3.70	
DU16	WSP2024_W11	335513.634	6234494.397	2/06/2024	7.451	6/02/2024	1	8	3.77			0.78	3.69		3.69	
DU16	WSP2024_W11	335513.634	6234494.397	8/06/2024	7.451	6/08/2024	1	8	3.45			0.78	4.00		4.00	
DU16	WSP2024_W12	335518.467	6234532.389	30/04/2024	7.396	30/04/2024	1	8	3.45			0.78	3.94		3.94	
DU16	WSP2024_W12	335518.467	6234532.389	11/05/2024	7.396	5/11/2024	1	8	3.68			0.78	3.72		3.72	
DU16	WSP2024_W12	335518.467	6234532.389	2/06/2024	7.396	6/02/2024	1	8	3.72			0.78	3.67		3.67	
DU16	WSP2024_W12	335518.467	6234532.389	8/06/2024	7.396	6/08/2024	1	8	3.09			0.78	4.30		4.30	
DU16	WSP2024_W13	335521.541	6234555.715	30/04/2024	6.998	30/04/2024	1	8.5	2.99			0.78	4.01		4.01	
DU16	WSP2024_W13	335521.541	6234555.715	11/05/2024	6.998	5/11/2024	1	8.5	3.21			0.78	3.79		3.79	
DU16	WSP2024_W13	335521.541	6234555.715	2/06/2024	6.998	6/02/2024	1	8.5	3.26			0.78	3.74		3.74	
DU16	WSP2024_W13	335521.541	6234555.715	8/06/2024	6.998	6/08/2024	1	8.5	2.55			0.78	4.45		4.45	
DU16	WSP2024_W14	335522.555	6234571.308	30/04/2024	7.365	30/04/2024	1	8	3.77	3.37	0.41	0.78	3.59	4.00	3.91	
DU16	WSP2024_W14	335522.555	6234571.308	11/05/2024	7.365	5/11/2024	1	8	3.61	3.61	0.00	0.78	3.75	3.76	3.75	
DU16	WSP2024_W14	335522.555	6234571.308	2/06/2024	7.365	6/02/2024	1	8	3.95	3.67	0.28	0.78	3.42	3.70	3.64	Not sampled due to LNAPL present in well.
DU16	WSP2024_W14	335522.555	6234571.308	8/06/2024	7.365	6/08/2024	1	8	3.00	2.93	0.08	0.78	4.36	4.44	4.42	Not sampled due to LNAPL present in well.
DU16	WSP2024_W15	335525.195	6234583.964	30/04/2024	7.176	30/04/2024	1	8.5	3.50	3.18	0.31	0.78	3.68	3.99	3.92	
DU16	WSP2024_W15	335525.195	6234583.964	11/05/2024	7.176	5/11/2024	1	8.5	3.33	3.32	0.01	0.78	3.85	3.86	3.85	Inapl gauge unreliable, approximately 0.6 m in bailer
DU16	WSP2024_W15	335525.195	6234583.964	2/06/2024	7.176	6/02/2024	1	8.5	3.75	3.45	0.30	0.78	3.43	3.73	3.66	Not sampled due to LNAPL present in well.
DU16	WSP2024_W15	335525.195	6234583.964	8/06/2024	7.176	6/08/2024	1	8.5	3.13	2.70	0.43	0.78	4.05	4.48	4.38	Not sampled due to LNAPL present in well.
DU16	WSP2024_W16	335526.493	6234597.539	30/04/2024	6.869	30/04/2024	1	8.5	3.02	2.87	0.15	0.78	3.85	4.00	3.96	
DU16	WSP2024_W16	335526.493	6234597.539	11/05/2024	6.869	5/11/2024	1	8.5	3.04	2.99	0.05	0.78	3.83	3.88	3.87	5cm Inapl in bailer
DU16	WSP2024_W16	335526.493	6234597.539	2/06/2024	6.869	6/02/2024	1	8.5	3.22	3.15	0.07	0.78	3.65	3.72	3.70	
DU16	WSP2024_W16	335526.493	6234597.539	8/06/2024	6.869	6/08/2024	1	8.5	2.49	2.37	0.12	0.78	4.38	4.50	4.47	Not sampled due to LNAPL present in well.
DU16	WSP2024_W17	335528.082	6234607.786	30/04/2024	7.335	30/04/2024	1	8	3.37			0.78	3.96		3.96	
DU16	WSP2024_W17	335528.082	6234607.786	2/06/2024	7.335	6/02/2024	1	8	3.64			0.78	3.70		3.70	
DU16	WSP2024_W17	335528.082	6234607.786	8/06/2024	7.335	6/08/2024	1	8	2.91			0.78	4.43		4.43	
DU16	WSP2024_W18	335529.782	6234618.519	30/04/2024	6.994	30/04/2024	1	8.5	3.00			0.78	4.00		4.00	
DU16	WSP2024_W18	335529.782	6234618.519	11/05/2024	6.994	5/11/2024	1	8.5	3.17			0.78	3.82		3.82	
DU16	WSP2024_W18	335529.782	6234618.519	2/06/2024	6.994	6/02/2024	1	8.5	3.30			0.78	3.70		3.70	
DU16	WSP2024_W18	335529.782	6234618.519	8/06/2024	6.994	6/08/2024	1	8.5	2.52			0.78	4.47		4.47	
DU16	WSP2024_W19	335531.477	6234632.668	30/04/2024	6.95	30/04/2024	1	7	3.01			0.78	3.94		3.94	
DU16	WSP2024_W19	335531.477	6234632.668	11/05/2024	6.95	5/11/2024	1	7	3.14			0.78	3.81		3.81	
DU16	WSP2024_W19	335531.477	6234632.668	2/06/2024	6.95	6/02/2024	1	7	3.29			0.78	3.66		3.66	
DU16	WSP2024_W19	335531.477	6234632.668	8/06/2024	6.95	6/08/2024	1	7	2.49			0.78	4.46		4.46	
DU16	WSP2024_W20	335532.666	6234646.207	30/04/2024	7.275	30/04/2024	1	8	3.37			0.78	3.91		3.91	
DU16	WSP2024_W20	335532.666	6234646.207	11/05/2024	7.275	5/11/2024	1	8	3.60			0.78	3.67		3.67	
DU16	WSP2024_W20	335532.666	6234646.207	2/06/2024	7.275	6/02/2024	1	8	3.63			0.78	3.65		3.65	
DU16	WSP2024_W20	335532.666	6234646.207	8/06/2024	7.275	6/08/2024	1	8	2.94			0.78	4.33		4.33	
DU16	WSP2024_W21	335535.938	6234670.847	30/04/2024	6.827	30/04/2024	1	8.5	3.03			0.78	3.80		3.80	
DU16	WSP2024_W21	335535.938	6234670.847	11/05/2024	6.827	5/11/2024	1	8.5	3.21			0.78	3.62		3.62	
DU16	WSP2024_W21	335535.938	6234670.847	2/06/2024	6.827	6/02/2024	1	8.5	3.19			0.78	3.64		3.64	
DU16	WSP2024_W21	335535.938	6234670.847	8/06/2024	6.827	6/08/2024	1	8.5	2.60			0.78	4.23		4.23	
DU16	WSP2024_W22	335540.274	6234698.963	30/04/2024	6.777	30/04/2024	1	8.5	3.05			0.78	3.73		3.73	
DU16	WSP2024_W22	335540.274	6234698.963	11/05/2024	6.777	5/11/2024	1	8.5	3.18			0.78	3.60		3.60	
DU16	WSP2024_W22	335540.274	6234698.963	2/06/2024	6.777	6/02/2024	1	8.5	3.20			0.78	3.57		3.57	
DU16	WSP2024_W22	335540.274	6234698.963	8/06/2024	6.777	6/08/2024	1	8.5	2.68			0.78	4.10		4.10	
Zone 1 admin	WSP2024_OB22	335107.387	6234845.7	14/02/2024	3.532	14/02/2024	1	4	2.09			0.78	1.44		1.44	
Zone 1 admin	WSP2024_OB22	335107.387	6234845.7	5/07/2024	3.532	7/05/2024	1	4	1.51			0.78	2.03		2.03	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
Zone 1 admin	WSP2024_OB22	335107.387	6234845.7	20/08/2024	3.532	20/08/2024	1	4	1.93			0.78	1.60		1.60	
Zone 1 admin	WSP2024_OB22	335107.387	6234845.7	11/12/2024	3.532	12/11/2024	1	4	2.06			0.78	1.47		1.47	
Zone 1 admin	WSP2024_OB23	335092.562	6234772.762	14/02/2024	3.512	14/02/2024	1	4	1.91			0.78	1.60		1.60	Not required to sample.Only gauged.
Zone 1 admin	WSP2024_OB23	335092.562	6234772.762	5/07/2024	3.512	7/05/2024	1	4	1.44			0.78	2.07		2.07	Gauging only this quarter.
Zone 1 admin	WSP2024_OB23	335092.562	6234772.762	20/08/2024	3.512	20/08/2024	1	4	1.72			0.78	1.79		1.79	
Zone 1 admin	WSP2024_OB23	335092.562	6234772.762	11/12/2024	3.512	12/11/2024	1	4	1.85			0.78	1.66		1.66	
Zone 1 admin	WSP2024_PMW21	335100.648	6234807.065	11/04/2024	4.477	4/11/2024	1	4	2.88			0.78	1.60		1.60	
Zone 1 admin	WSP2024_PMW21	335100.648	6234807.065	29/04/2024	4.477	29/04/2024	1	4	2.81			0.78	1.67		1.67	
Zone 1 admin	WSP2024_PMW21	335100.648	6234807.065	2/05/2024	4.477	2/05/2024	1	4	2.96			0.78	1.52		1.52	
Zone 1 admin	WSP2024_PMW21	335100.648	6234807.065	8/05/2024	4.477	5/08/2024	1	4	2.74			0.78	1.74		1.74	
Zone 1 admin	WSP2024_PMW22	335151.658	6234869.459	11/04/2024	4.444	4/11/2024	1.2	4.2	2.99			0.78	1.46		1.46	
Zone 1 admin	WSP2024_PMW22	335151.658	6234869.459	29/04/2024	4.444	29/04/2024	1.2	4.2	2.88			0.78	1.57		1.57	
Zone 1 admin	WSP2024_PMW22	335151.658	6234869.459	2/05/2024	4.444	2/05/2024	1.2	4.2	3.00			0.78	1.45		1.45	Rinsate01
Zone 1 admin	WSP2024_PMW22	335151.658	6234869.459	8/05/2024	4.444	5/08/2024	1.2	4.2	2.79			0.78	1.65		1.65	
Zone 1 admin	WSP2024_PMW66	335036.364	6234713.416	11/04/2024	3.241	4/11/2024	1	4	1.36			0.78	1.89		1.89	
Zone 1 admin	WSP2024_PMW66	335036.364	6234713.416	29/04/2024	3.241	29/04/2024	1	4	1.24			0.78	2.00		2.00	
Zone 1 admin	WSP2024_PMW66	335036.364	6234713.416	2/05/2024	3.241	2/05/2024	1	4	1.44			0.78	1.80		1.80	
Zone 1 admin	WSP2024_PMW66	335036.364	6234713.416	8/05/2024	3.241	5/08/2024	1	4	1.13			0.78	2.11		2.11	
Zone 1 carpark	WSP2024_PMW15	335161.581	6234682.984	11/04/2024	4.31	4/11/2024	1.4	4.4	2.16			0.78	2.16		2.16	
Zone 1 carpark	WSP2024_PMW15	335161.581	6234682.984	29/04/2024	4.31	29/04/2024	1.4	4.4	2.07			0.78	2.24		2.24	
Zone 1 carpark	WSP2024_PMW15	335161.581	6234682.984	2/05/2024	4.31	2/05/2024	1.4	4.4	2.25			0.78	2.06		2.06	
Zone 1 carpark	WSP2024_PMW15	335161.581	6234682.984	8/05/2024	4.31	5/08/2024	1.4	4.4	1.95			0.78	2.36		2.36	
Zone 1 Firestation	WSP2024_PP03	334988.542	6234610.022	30/04/2024	3.319	30/04/2024	0.5	3.5	1.11			0.78	2.21		2.21	
Zone 1 Firestation	WSP2024_PP03	334988.542	6234610.022	11/05/2024	3.319	5/11/2024	0.5	3.5	1.28			0.78	2.04		2.04	
Zone 1 Firestation	WSP2024_PP03	334988.542	6234610.022	2/06/2024	3.319	6/02/2024	0.5	3.5	1.38			0.78	1.94		1.94	
Zone 1 Firestation	WSP2024_PP03	334988.542	6234610.022	8/06/2024	3.319	6/08/2024	0.5	3.5	1.04			0.78	2.28		2.28	
Zone 1 Firestation	WSP2024_PU03	335266.684	6234315.319	11/04/2024	5.362	4/11/2024	1	4	2.19			0.78	3.17		3.17	
Zone 1 Firestation	WSP2024_PU03	335266.684	6234315.319	29/04/2024	5.362	29/04/2024	1	4	2.17			0.78	3.19		3.19	
Zone 1 Firestation	WSP2024_PU03	335266.684	6234315.319	2/05/2024	5.362	2/05/2024	1	4	2.23			0.78	3.13		3.13	
Zone 1 Firestation	WSP2024_PU03	335266.684	6234315.319	8/05/2024	5.362	5/08/2024	1	4	2.15			0.78	3.22		3.22	
Zone 1 Firestation	WSP2024_PU21	335060.344	6234633.549	5/03/2024	4.927	3/05/2024	1	4	2.32			0.78	2.60		2.60	
Zone 1 Firestation	WSP2024_PU21	335060.344	6234633.549	11/04/2024	4.927	4/11/2024	1	4	2.90			0.78	2.03		2.03	
Zone 1 Firestation	WSP2024_PU21	335060.344	6234633.549	2/09/2024	4.927	9/02/2024	1	4	2.93			0.78	2.00		2.00	
Zone 1 Firestation	WSP2024_PU21	335060.344	6234633.549	8/09/2024	4.927	9/08/2024	1	4	2.59			0.78	2.33		2.33	
Zone 1 Former LPG Area	WSP2024_PMW98			11/04/2024		4/11/2024			2.58			0.78				
Zone 1 Former LPG Area	WSP2024_PMW98			29/04/2024		29/04/2024			2.38			0.78				
Zone 1 Former LPG Area	WSP2024_PMW98			2/05/2024		2/05/2024			2.60			0.78				
Zone 1 Former LPG Area	WSP2024_PMW98			8/05/2024		5/08/2024			2.36			0.78				
Zone 1 LPG	WSP2024_PMW06	334908.561	6234821.58	11/04/2024	4.407	4/11/2024	1	3.7	2.78			0.78	1.63		1.63	
Zone 1 LPG	WSP2024_PMW06	334908.561	6234821.58	29/04/2024	4.407	29/04/2024	1	3.7	2.54			0.78	1.87		1.87	
Zone 1 LPG	WSP2024_PMW06	334908.561	6234821.58	2/05/2024	4.407	2/05/2024	1	3.7	2.79			0.78	1.61		1.61	
Zone 1 LPG	WSP2024_PMW06	334908.561	6234821.58	8/05/2024	4.407	5/08/2024	1	3.7	2.46			0.78	1.95		1.95	
Zone 1 LPG	WSP2024_PMW17	334804.562	6234913.709	11/04/2024	3.434	4/11/2024	3	7.5	2.11			0.78	1.32		1.32	
Zone 1 LPG	WSP2024_PMW17	334804.562	6234913.709	29/04/2024	3.434	29/04/2024	3	7.5	1.64			0.78	1.79		1.79	
Zone 1 LPG	WSP2024_PMW17	334804.562	6234913.709	2/05/2024	3.434	2/05/2024	3	7.5	2.06			0.78	1.37		1.37	
Zone 1 LPG	WSP2024_PMW17	334804.562	6234913.709	8/05/2024	3.434	5/08/2024	3	7.5	1.80			0.78	1.64		1.64	
Zone 1 LPG	WSP2024_PMW56	334849.854	6234892.047	11/04/2024	4.251	4/11/2024	0.7	3.7	2.77			0.78	1.48		1.48	
Zone 1 LPG	WSP2024_PMW56	334849.854	6234892.047	29/04/2024	4.251	29/04/2024	0.7	3.7	2.53			0.78	1.73		1.73	
Zone 1 LPG	WSP2024_PMW56	334849.854	6234892.047	2/05/2024	4.251	2/05/2024	0.7	3.7	2.78			0.78	1.47		1.47	
Zone 1 LPG	WSP2024_PMW56	334849.854	6234892.047	8/05/2024	4.251	5/08/2024	0.7	3.7	2.42			0.78	1.84		1.84	
Zone 1 LPG	WSP2024_PMW65	334988.466	6234745.802	11/04/2024	3.514	4/11/2024	1	4	1.71			0.78	1.80		1.80	
Zone 1 LPG	WSP2024_PMW65	334988.466	6234745.802	29/04/2024	3.514	29/04/2024	1	4	1.54			0.78	1.97		1.97	
Zone 1 LPG	WSP2024_PMW65	334988.466	6234745.802	2/05/2024	3.514	2/05/2024	1	4	1.78			0.78	1.73		1.73	
Zone 1 LPG	WSP2024_PMW65	334988.466	6234745.802	8/05/2024	3.514	5/08/2024	1	4	1.45			0.78	2.06		2.06	
Zone 1 LPG	WSP2024_PU31	334810.827	6234772.047	11/04/2024	4.082	4/11/2024	1	4	2.34			0.78	1.75		1.75	
Zone 1 LPG	WSP2024_PU31	334810.827	6234772.047	29/04/2024	4.082	29/04/2024	1	4	2.02			0.78	2.06		2.06	
Zone 1 LPG	WSP2024_PU31	334810.827	6234772.047	2/05/2024	4.082	2/05/2024	1	4	2.33			0.78	1.75		1.75	
Zone 1 LPG	WSP2024_PU31	334810.827	6234772.047	8/05/2024	4.082	5/08/2024	1	4	1.83			0.78	2.26		2.26	
Zone 1 LPG	WSP2024_PU32	334876.704	6234736.175	11/04/2024	4.178	4/11/2024	1	4	2.34			0.78	1.84		1.84	
Zone 1 LPG	WSP2024_PU32	334876.704	6234736.175	29/04/2024	4.178	29/04/2024	1	4	2.04			0.78	2.14		2.14	
Zone 1 LPG	WSP2024_PU32	334876.704	6234736.175	2/05/2024	4.178	2/05/2024	1	4	2.37			0.78	1.81		1.81	
Zone 1 LPG	WSP2024_PU32	334876.704	6234736.175	8/05/2024	4.178	5/08/2024	1	4	1.98			0.78	2.20		2.20	
Zone 1 LPG	WSP2024_PU33	334914.526	6234763.762	11/04/2024	3.232	4/11/2024	1	4	2.79			0.78	0.44		0.44	
Zone 1 LPG	WSP2024_PU33	334914.526	6234763.762	29/04/2024	3.232	29/04/2024	1	4	1.20			0.78	2.03		2.03	
Zone 1 LPG	WSP2024_PU33	334914.526	6234763.762	2/05/2024	3.232	2/05/2024	1	4	1.46			0.78	1.77		1.77	
Zone 1 LPG	WSP2024_PU33	334914.526	6234763.762	8/05/2024	3.232	5/08/2024	1	4	1.10			0.78	2.13		2.13	
Zone 1 LPG	WSP2024_PU58	334886.218	6234790.61	29/04/2024	4.272	29/04/2024	1	4	2.36			0.78	1.92		1.92	
Zone 1 LPG	WSP2024_PU58	334886.218	6234790.61	2/05/2024	4.272	2/05/2024	1	4	2.64			0.78	1.63		1.63	
Zone 1 LPG	WSP2024_PU58	334886.218	6234790.61	8/05/2024	4.272	5/08/2024	1	4	2.18			0.78	2.09		2.09	
Zone 1 NE Tank Farm	WSP2024_PMW04	335525.009	6235295.713	5/01/2024	5.352	1/05/2024	1	3.8	2.24			0.78	3.11		3.11	
Zone 1 NE Tank Farm	WSP2024_PMW04	335525.009	6235295.713	11/06/2024	5.352	6/11/2024	1	3.8	2.51			0.78	2.85		2.85	
Zone 1 NE Tank Farm	WSP2024_PMW04	335525.009	6235295.713	2/07/2024	5.352	7/02/2024	1	3.8	2.58			0.78	2.77		2.77	
Zone 1 NE Tank Farm	WSP2024_PMW04	335525.009	6235295.713	8/07/2024	5.352	7/08/2024	1	3.8	2.28			0.78	3.07		3.07	
Zone 1 NE Tank Farm	WSP2024_PMW23	335494.836	6235255.686	5/01/2024	4.829	1/05/2024	1	4	1.80			0.78	3.03		3.03	
Zone 1 NE Tank Farm	WSP2024_PMW23	335494.836	6235255.686	11/06/2024	4.829	6/11/2024	1	4	2.16			0.78	2.67		2.67	
Zone 1 NE Tank Farm	WSP2024_PMW23	335494.836	6235255.686	2/07/2024	4.829	7/02/2024	1	4	2.29			0.78	2.54		2.54	
Zone 1 NE Tank Farm	WSP2024_PMW23	335494.836	6235255.686	8/07/2024	4.829	7/08/2024	1	4	1.85			0.78	2.98		2.98	
Zone 1 NE Tank Farm	WSP2024_PMW25	335515.475	6235155.544	5/01/2024	4.231	1/05/2024	1	4	0.69			0.78	3.54		3.54	
Zone 1 NE Tank Farm	WSP2024_PMW25	335515.475	6235155.544	11/06/2024	4.231	6/11/2024	1	4	1.19			0.78	3.04		3.04	Sheen observed.
Zone 1 NE Tank Farm	WSP2024_PMW25	335515.475	6235155.544	2/07/2024	4.231	7/02/2024	1	4	1.34			0.78	2.90		2.90	
Zone 1 NE Tank Farm	WSP2024_PMW25	335515.475	6235155.544	8/07/2024	4.231	7/08/2024	1	4	0.94			0.78	3.29		3.29	
Zone 1 NE Tank Farm	WSP2024_PMW26	335468.5	6235213.242	5/01/2024	5.248	1/05/2024	1.5	3	2.33			0.78	2.92		2.92	
Zone 1 NE Tank Farm	WSP2024_PMW26	335468.5	6235213.242	11/06/2024	5.248	6/11/2024	1.5	3	2.70			0.78	2.55		2.55	
Zone 1 NE Tank Farm	WSP2024_PMW26	335468.5	6235213.242	2/07/2024	5.248	7/02/2024	1.5	3	2.82			0.78	2.43		2.43	
Zone 1 NE Tank Farm	WSP2024_PMW26	335468.5	6235213.242	8/07/2024	5.248	7/08/2024	1.5	3	2.32			0.78	2.93		2.93	
Zone 1 NE Tank Farm	WSP2024_PMW27	335567.751	6235269.67	5/01/2024	5.013	1/05/2024	1.5	3	1.65			0.78	3.37		3.37	
Zone 1 NE Tank Farm	WSP2024_PMW27	335567.751	6235269.67	11/06/2024	5.013	6/11/2024	1.5	3	1.90			0.78	3.11		3.11	
Zone 1 NE Tank Farm	WSP2024_PMW27	335567.751	6235269.67	2/07/2024	5.013	7/02/2024	1.5	3	2.02			0.78	3.00		3.00	
Zone 1 NE Tank Farm	WSP2024_PMW27	335567.751	6235269.67	8/07/2024	5.013	7/08/2024	1.5	3	1.74			0.78	3.28		3.28	
Zone 1 NE Tank Farm	WSP2024_PMW34	335585.099	6235113.355	5/01/2024	4.979	1/05/2024	0.6	3.6	1.38			0.78	3.60		3.60	
Zone 1 NE Tank Farm	WSP2024_PMW34	335585.099	6235113.355	11/06/2024	4.979	6/11/2024	0.6	3.6	1.73			0.78	3.25		3.25	
Zone 1 NE Tank Farm	WSP2024_PMW34	335585.099	6235113.355	2/07/2024	4.979	7/02/2024	0.6	3.6	1.86			0.78	3.12		3.12	
Zone 1 NE Tank Farm	WSP2024_PMW34	335585.099	6235113.355	8/07/2024	4.979	7/08/2024	0.6	3.6	1.43			0.78	3.55		3.55	
Zone 1 NE Tank Farm	WSP2024_PMW36	335552.611	6235133.558	5/01/2024	5.101	1/05/2024	0.5	5.2	1.67			0.78	3.43		3.43	
Zone 1 NE Tank Farm	WSP2024_PMW36	335552.611	6235133.558	11/06/2024	5.101	6/11/2024	0.5	5.2	1.91			0.78	3.19		3.19	
Zone 1 NE Tank Farm	WSP2024_PMW36	335552.611	6235133.558	2/07/2024	5.101	7/02/2024	0.5	5.2	2.05			0.78	3.05		3.05	
Zone 1 NE Tank Farm	WSP2024_PMW36	335552.611	6235133.558	8/07/2024	5.101	7/08/2024	0.5	5.2	1.58			0.78	3.52		3.52	
Zone 1 NE Tank Farm	WSP2024_PMW47	335397.784	6235053.941	5/01/2024	4.63	1/05/2024	1	4.5	1.70			0.78	2.93		2.93	
Zone 1 NE Tank Farm	WSP2024_PMW47	335397.784	6235053.941	11/06/2024	4.63	6/11/2024	1	4.5	1.91			0.78	2.72		2.72	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
Zone 1 NE Tank Farm	WSP2024_PMW47	335397.784	6235053.941	2/07/2024	4.63	7/02/2024	1	4.5	2.12			0.78	2.51		2.51	
Zone 1 NE Tank Farm	WSP2024_PMW47	335397.784	6235053.941	8/07/2024	4.63	7/08/2024	1	4.5	1.61			0.78	3.02		3.02	
Zone 1 NE Tank Farm	WSP2024_PMW48	335432.986	6235139.271	5/01/2024	4.224	1/05/2024	1	4	1.32			0.78	2.91		2.91	
Zone 1 NE Tank Farm	WSP2024_PMW48	335432.986	6235139.271	11/06/2024	4.224	6/11/2024	1	4	1.57			0.78	2.65		2.65	
Zone 1 NE Tank Farm	WSP2024_PMW48	335432.986	6235139.271	2/07/2024	4.224	7/02/2024	1	4	1.68			0.78	2.55		2.55	
Zone 1 NE Tank Farm	WSP2024_PMW48	335432.986	6235139.271	8/07/2024	4.224	7/08/2024	1	4	1.27			0.78	2.95		2.95	
Zone 1 NE Tank Farm	WSP2024_PMW62	335656.848	6235213.469	5/01/2024	5.624	1/05/2024	1	4	1.72			0.78	3.91		3.91	
Zone 1 NE Tank Farm	WSP2024_PMW62	335656.848	6235213.469	11/06/2024	5.624	6/11/2024	1	4	2.11			0.78	3.51		3.51	
Zone 1 NE Tank Farm	WSP2024_PMW62	335656.848	6235213.469	2/07/2024	5.624	7/02/2024	1	4	2.00			0.78	3.63		3.63	
Zone 1 NE Tank Farm	WSP2024_PMW62	335656.848	6235213.469	8/07/2024	5.624	7/08/2024	1	4	1.71			0.78	3.91		3.91	
Zone 1 NE Tank Farm	WSP2024_PMW63	335444.251	6235171.328	5/01/2024	4.196	1/05/2024	1	4	1.32			0.78	2.88		2.88	
Zone 1 NE Tank Farm	WSP2024_PMW63	335444.251	6235171.328	11/06/2024	4.196	6/11/2024	1	4	1.67			0.78	2.53		2.53	
Zone 1 NE Tank Farm	WSP2024_PMW63	335444.251	6235171.328	2/07/2024	4.196	7/02/2024	1	4	1.79			0.78	2.40		2.40	
Zone 1 NE Tank Farm	WSP2024_PMW63	335444.251	6235171.328	8/07/2024	4.196	7/08/2024	1	4	1.35			0.78	2.85		2.85	
Zone 1 NE Tank Farm	WSP2024_PU37	335495.272	6235197.351	5/01/2024	4.906	1/05/2024	1	4	1.79			0.78	3.12		3.12	
Zone 1 NE Tank Farm	WSP2024_PU37	335495.272	6235197.351	11/06/2024	4.906	6/11/2024	1	4	2.08			0.78	2.82		2.82	
Zone 1 NE Tank Farm	WSP2024_PU37	335495.272	6235197.351	2/07/2024	4.906	7/02/2024	1	4	2.23			0.78	2.68		2.68	
Zone 1 NE Tank Farm	WSP2024_PU37	335495.272	6235197.351	8/07/2024	4.906	7/08/2024	1	4	1.79			0.78	3.12		3.12	
Zone 1 NE Tank Farm	WSP2024_PU38	335539.965	6235191.021	5/01/2024	5.301	1/05/2024	1	4	1.94			0.78	3.36		3.36	
Zone 1 NE Tank Farm	WSP2024_PU38	335539.965	6235191.021	11/06/2024	5.301	6/11/2024	1	4	2.19			0.78	3.12		3.12	
Zone 1 NE Tank Farm	WSP2024_PU38	335539.965	6235191.021	2/07/2024	5.301	7/02/2024	1	4	2.33			0.78	2.97		2.97	
Zone 1 NE Tank Farm	WSP2024_PU38	335539.965	6235191.021	8/07/2024	5.301	7/08/2024	1	4	1.89			0.78	3.41		3.41	
Zone 1 NE Tank Farm	WSP2024_PU39	335574.878	6235217.89	5/01/2024	5.075	1/05/2024	1	4	1.51			0.78	3.57		3.57	
Zone 1 NE Tank Farm	WSP2024_PU39	335574.878	6235217.89	11/06/2024	5.075	6/11/2024	1	4	1.87			0.78	3.20		3.20	
Zone 1 NE Tank Farm	WSP2024_PU39	335574.878	6235217.89	2/07/2024	5.075	7/02/2024	1	4	2.05			0.78	3.03		3.03	
Zone 1 NE Tank Farm	WSP2024_PU39	335574.878	6235217.89	8/07/2024	5.075	7/08/2024	1	4	1.65			0.78	3.43		3.43	
Zone 1 NE Tank Farm	WSP2024_PU40	335529.633	6235246.649	5/01/2024	4.927	1/05/2024	1	4	1.68			0.78	3.25		3.25	
Zone 1 NE Tank Farm	WSP2024_PU40	335529.633	6235246.649	11/06/2024	4.927	6/11/2024	1	4	1.97			0.78	2.96		2.96	
Zone 1 NE Tank Farm	WSP2024_PU40	335529.633	6235246.649	2/07/2024	4.927	7/02/2024	1	4	2.15			0.78	2.78		2.78	
Zone 1 NE Tank Farm	WSP2024_PU40	335529.633	6235246.649	8/07/2024	4.927	7/08/2024	1	4	1.70			0.78	3.23		3.23	
Zone 1 NE Tank Farm	WSP2024_PU41	335465.754	6235158.349	5/01/2024	4.829	1/05/2024	1	4	1.86			0.78	2.97		2.97	
Zone 1 NE Tank Farm	WSP2024_PU41	335465.754	6235158.349	11/06/2024	4.829	6/11/2024	1	4	2.11			0.78	2.72		2.72	
Zone 1 NE Tank Farm	WSP2024_PU41	335465.754	6235158.349	2/07/2024	4.829	7/02/2024	1	4	2.24			0.78	2.59		2.59	
Zone 1 NE Tank Farm	WSP2024_PU41	335465.754	6235158.349	8/07/2024	4.829	7/08/2024	1	4	1.82			0.78	3.01		3.01	
Zone 1 NE Tank Farm	WSP2024_PU43	335507.138	6235106.717	5/01/2024	4.605	1/05/2024	1	4	1.07			0.78	3.54		3.54	area around monument flooded from previous days rainfall
Zone 1 NE Tank Farm	WSP2024_PU43	335507.138	6235106.717	11/06/2024	4.605	6/11/2024	1	4	1.56			0.78	3.05		3.05	
Zone 1 NE Tank Farm	WSP2024_PU43	335507.138	6235106.717	2/07/2024	4.605	7/02/2024	1	4	1.70			0.78	2.91		2.91	
Zone 1 NE Tank Farm	WSP2024_PU43	335507.138	6235106.717	8/07/2024	4.605	7/08/2024	1	4	1.29			0.78	3.32		3.32	
Zone 1 NE Tank Farm	WSP2024_PU44	335539.452	6235123.948	5/01/2024	4.889	1/05/2024	1	4	1.45			0.78	3.44		3.44	
Zone 1 NE Tank Farm	WSP2024_PU44	335539.452	6235123.948	11/06/2024	4.889	6/11/2024	1	4	1.74			0.78	3.15		3.15	
Zone 1 NE Tank Farm	WSP2024_PU44	335539.452	6235123.948	2/07/2024	4.889	7/02/2024	1	4	1.86			0.78	3.03		3.03	
Zone 1 NE Tank Farm	WSP2024_PU44	335539.452	6235123.948	8/07/2024	4.889	7/08/2024	1	4	1.53			0.78	3.36		3.36	
Zone 1 NE Tank Farm	WSP2024_PU45	335578.119	6235064.509	5/01/2024	4.907	1/05/2024	1	4	1.27			0.78	3.63		3.63	
Zone 1 NE Tank Farm	WSP2024_PU45	335578.119	6235064.509	11/06/2024	4.907	6/11/2024	1	4	1.63			0.78	3.27		3.27	
Zone 1 NE Tank Farm	WSP2024_PU45	335578.119	6235064.509	2/07/2024	4.907	7/02/2024	1	4	1.76			0.78	3.15		3.15	
Zone 1 NE Tank Farm	WSP2024_PU45	335578.119	6235064.509	8/07/2024	4.907	7/08/2024	1	4	1.38			0.78	3.52		3.52	
Zone 1 NW Tank Farm	WSP2024_AMW07			13/02/2024		13/02/2024			1.25			0.78				
Zone 1 NW Tank Farm	WSP2024_AMW07			11/05/2024		5/11/2024			1.18			0.78				
Zone 1 NW Tank Farm	WSP2024_AMW07			5/06/2024		6/05/2024			0.75			0.78				
Zone 1 NW Tank Farm	WSP2024_AMW07			13/08/2024		13/08/2024			0.92			0.78				
Zone 1 NW Tank Farm	WSP2024_AMW06			8/08/2024	5.15	8/08/2024			2.65			0.78	2.50		2.50	
Zone 1 NW Tank Farm	WSP2024_PMW94			5/01/2024	5.195	1/05/2024			2.05			0.78	3.15		3.15	
Zone 1 NW Tank Farm	WSP2024_PMW94			2/07/2024	5.195	7/02/2024			2.50			0.78	2.70		2.70	
Zone 1 NW Tank Farm	WSP2024_PMW94			8/07/2024	5.195	7/08/2024			1.08			0.78	4.11		4.11	
Zone 1 NW Tank Farm	WSP2024_PMW95			5/01/2024	5.273	1/05/2024			2.12			0.78	3.16		3.16	
Zone 1 NW Tank Farm	WSP2024_PMW95			2/07/2024	5.273	7/02/2024			2.61			0.78	2.66		2.66	
Zone 1 NW Tank Farm	WSP2024_PMW95			8/07/2024	5.273	7/08/2024			1.27			0.78	4.00		4.00	
Zone 1 NW Tank Farm	WSP2024_PP01	335320.97	6234747.896	5/06/2024	4.314	6/05/2024	1	4	1.23			0.78	3.08		3.08	
Zone 1 NW Tank Farm	WSP2024_PP01	335320.97	6234747.896	11/11/2024	4.314	11/11/2024	1	4	1.36			0.78	2.95		2.95	bailer
Zone 1 NW Tank Farm	WSP2024_PP01	335320.97	6234747.896	2/12/2024	4.314	12/02/2024	1	4	1.32			0.78	2.99		2.99	
Zone 1 NW Tank Farm	WSP2024_PP01	335320.97	6234747.896	8/12/2024	4.314	12/08/2024	1	4	1.14			0.78	3.17		3.17	
Zone 1 NW Tank Farm	WSP2024_PP02	335446.011	6234739.238	5/06/2024	4.273	6/05/2024	0.3	3	0.61			0.78	3.67		3.67	
Zone 1 NW Tank Farm	WSP2024_PP02	335446.011	6234739.238	11/11/2024	4.273	11/11/2024	0.3	3	0.88			0.78	3.40		3.40	
Zone 1 NW Tank Farm	WSP2024_PP02	335446.011	6234739.238	2/12/2024	4.273	12/02/2024	0.3	3	1.49			0.78	2.78		2.78	bolts missing from gatic cover
Zone 1 NW Tank Farm	WSP2024_PU10	335351.349	6234726.422	5/06/2024	4.244	6/05/2024	1	4	0.70			0.78	3.54		3.54	
Zone 1 NW Tank Farm	WSP2024_PU10	335351.349	6234726.422	11/11/2024	4.244	11/11/2024	1	4	1.06			0.78	3.19		3.19	
Zone 1 NW Tank Farm	WSP2024_PU10	335351.349	6234726.422	2/12/2024	4.244	12/02/2024	1	4	1.13			0.78	3.11		3.11	
Zone 1 NW Tank Farm	WSP2024_PU10	335351.349	6234726.422	8/12/2024	4.244	12/08/2024	1	4	0.89			0.78	3.35		3.35	
Zone 1 NW Tank Farm	WSP2024_PU11	335378.711	6234719.333	5/06/2024	5.223	6/05/2024	1	4	1.58			0.78	3.65		3.65	
Zone 1 NW Tank Farm	WSP2024_PU11	335378.711	6234719.333	11/11/2024	5.223	11/11/2024	1	4	2.00			0.78	3.23		3.23	
Zone 1 NW Tank Farm	WSP2024_PU11	335378.711	6234719.333	2/12/2024	5.223	12/02/2024	1	4	2.06			0.78	3.17		3.17	
Zone 1 NW Tank Farm	WSP2024_PU11	335378.711	6234719.333	8/12/2024	5.223	12/08/2024	1	4	1.81			0.78	3.42		3.42	
Zone 1 NW Tank Farm	WSP2024_PU12	335354.221	6234667.379	5/06/2024	5.092	6/05/2024	1	4	1.52			0.78	3.57		3.57	
Zone 1 NW Tank Farm	WSP2024_PU12	335354.221	6234667.379	11/11/2024	5.092	11/11/2024	1	4	1.95			0.78	3.14		3.14	
Zone 1 NW Tank Farm	WSP2024_PU12	335354.221	6234667.379	2/12/2024	5.092	12/02/2024	1	4	2.02			0.78	3.07		3.07	
Zone 1 NW Tank Farm	WSP2024_PU12	335354.221	6234667.379	8/12/2024	5.092	12/08/2024	1	4	1.73			0.78	3.36		3.36	
Zone 1 NW Tank Farm	WSP2024_PU13	335371.306	6234691.863	5/06/2024	4.193	6/05/2024	1	4	0.61			0.78	3.58		3.58	
Zone 1 NW Tank Farm	WSP2024_PU13	335371.306	6234691.863	11/11/2024	4.193	11/11/2024	1	4	1.04			0.78	3.16		3.16	bailer
Zone 1 NW Tank Farm	WSP2024_PU13	335371.306	6234691.863	2/12/2024	4.193	12/02/2024	1	4	1.10			0.78	3.10		3.10	
Zone 1 NW Tank Farm	WSP2024_PU13	335371.306	6234691.863	8/12/2024	4.193	12/08/2024	1	4	0.89			0.78	3.31		3.31	
Zone 1 NW Tank Farm	WSP2024_PU14	335474.818	6234708.87	5/06/2024	5.257	6/05/2024	1	4	1.34			0.78	3.92		3.92	
Zone 1 NW Tank Farm	WSP2024_PU14	335474.818	6234708.87	11/11/2024	5.257	11/11/2024	1	4	1.79			0.78	3.47		3.47	
Zone 1 NW Tank Farm	WSP2024_PU14	335474.818	6234708.87	2/12/2024	5.257	12/02/2024	1	4	1.87			0.78	3.39		3.39	
Zone 1 NW Tank Farm	WSP2024_PU15	335477.495	6234669.123	5/06/2024	5.484	6/05/2024	1	4	1.61			0.78	3.87		3.87	
Zone 1 NW Tank Farm	WSP2024_PU15	335477.495	6234669.123	11/11/2024	5.484	11/11/2024	1	4	2.01			0.78	3.48		3.48	
Zone 1 NW Tank Farm	WSP2024_PU15	335477.495	6234669.123	2/12/2024	5.484	12/02/2024	1	4	2.05			0.78	3.43		3.43	
Zone 1 NW Tank Farm	WSP2024_PU65	335413.207	6234793.311	5/06/2024	5.374	6/05/2024	1	4	1.53			0.78	3.85		3.85	
Zone 1 NW Tank Farm	WSP2024_PU65	335413.207	6234793.311	11/11/2024	5.374	11/11/2024	1	4	2.10			0.78	3.27		3.27	
Zone 1 NW Tank Farm	WSP2024_PU65	335413.207	6234793.311	2/12/2024	5.374	12/02/2024	1	4	2.17			0.78	3.20		3.20	
Zone 1 NW Tank Farm	WSP2024_PU65	335413.207	6234793.311	8/12/2024	5.374	12/08/2024	1	4	1.86			0.78	3.52		3.52	
Zone 1 NW Tank Farm	WSP2024_PU88	335432.023	6234775.151	5/06/2024	5.475	6/05/2024	1	4	1.71			0.78	3.76		3.76	
Zone 1 NW Tank Farm	WSP2024_PU88	335432.023	6234775.151	11/11/2024	5.475	11/11/2024	1	4	2.16			0.78	3.31		3.31	
Zone 1 NW Tank Farm	WSP2024_PU88	335432.023	6234775.151	2/12/2024	5.475	12/02/2024	1	4	2.32			0.78	3.16		3.16	
Zone 1 NW Tank Farm	WSP2024_PU88	335432.023	6234775.151	8/12/2024	5.475	12/08/2024	1	4	1.93			0.78	3.55		3.55	
Zone 1 NW Tank Farm	WSP2024_PU89	335447.198	6234724.8	5/06/2024	4.378	6/05/2024	1	4	0.63			0.78	3.75		3.75	
Zone 1 NW Tank Farm	WSP2024_PU89	335447.198	6234724.8	11/11/2024	4.378	11/11/2024	1	4	0.99			0.78	3.39		3.39	
Zone 1 NW Tank Farm	WSP2024_PU89	335447.198	6234724.8	2/12/2024	4.378	12/02/2024	1	4	1.13			0.78	3.25		3.25	
Zone 1 NW Tank Farm	WSP2024_PU90	335413.751	6234731.553	5/06/2024	5.23	6/05/2024	1	4	1.52			0.78	3.71		3.71	
Zone 1 NW Tank Farm	WSP2024_PU90	335413.751	6234731.553	11/11/2024	5.23	11/11/2024	1	4	1.91			0.78	3.32		3.32	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
Zone 1 NW Tank Farm	WSP2024_PU90	335413.751	6234731.553	2/12/2024	5.23	12/02/2024	1	4	1.99			0.78	3.24		3.24	
Zone 1 NW Tank Farm	WSP2024_PU90	335413.751	6234731.553	8/12/2024	5.23	12/08/2024	1	4	1.70			0.78	3.53		3.53	
Zone 1 NW Tank Farm	WSP2024_PU91	335469.095	6234745.931	5/06/2024	4.515	6/05/2024	1	4	0.78			0.78	3.73		3.73	
Zone 1 NW Tank Farm	WSP2024_PU91	335469.095	6234745.931	11/11/2024	4.515	11/11/2024	1	4	1.12			0.78	3.39		3.39	
Zone 1 NW Tank Farm	WSP2024_PU91	335469.095	6234745.931	2/12/2024	4.515	12/02/2024	1	4	1.26			0.78	3.26		3.26	
Zone 1 NW Tank Farm	WSP2024_PU91	335469.095	6234745.931	8/12/2024	4.515	12/08/2024	1	4	0.87			0.78	3.65		3.65	
Zone 1 NW Tank Farm	WSP2024_PU92	335477.396	6234781.38	5/06/2024	4.298	6/05/2024	1	4	0.49			0.78	3.81		3.81	
Zone 1 NW Tank Farm	WSP2024_PU92	335477.396	6234781.38	11/11/2024	4.298	11/11/2024	1	4	0.89			0.78	3.41		3.41	
Zone 1 NW Tank Farm	WSP2024_PU92	335477.396	6234781.38	2/12/2024	4.298	12/02/2024	1	4	0.99			0.78	3.31		3.31	
Zone 1 NW Tank Farm	WSP2024_PU92	335477.396	6234781.38	8/12/2024	4.298	12/08/2024	1	4	0.62			0.78	3.68		3.68	
Zone 1 NW Tank Farm	WSP2024_PU93	335384.657	6234785.836	5/06/2024	5.423	6/05/2024	1	4	1.81			0.78	3.61		3.61	
Zone 1 NW Tank Farm	WSP2024_PU93	335384.657	6234785.836	11/11/2024	5.423	11/11/2024	1	4	2.22			0.78	3.21		3.21	
Zone 1 NW Tank Farm	WSP2024_PU93	335384.657	6234785.836	2/12/2024	5.423	12/02/2024	1	4	2.29			0.78	3.13		3.13	
Zone 1 NW Tank Farm	WSP2024_PU93	335384.657	6234785.836	8/12/2024	5.423	12/08/2024	1	4	2.01			0.78	3.42		3.42	
Zone 1 NW Tank Farm	WSP2024_AMW01	335496.565	6234891.931	13/08/2024	5.523	13/08/2024			1.88			0.78	3.64		3.64	
Zone 1 NW Tank Farm	WSP2024_AMW02	335464.847	6234905.934	13/08/2024	4.395	13/08/2024			0.87			0.78	3.52		3.52	
Zone 1 NW Tank Farm	WSP2024_AMW03	335461.19	6234892.255	13/08/2024	5.403	13/08/2024			1.95	1.83	0.12	0.78	3.45	3.57	3.55	
Zone 1 NW Tank Farm	WSP2024_AMW04	335446.573	6234912.945	13/08/2024	4.468	13/08/2024			1.02			0.78	3.45		3.45	
Zone 1 NW Tank Farm	WSP2024_AMW05	335428.249	6234898.224	13/08/2024	5.187	13/08/2024			1.68			0.78	3.50		3.50	
Zone 1 NW Tank Farm	WSP2024_AMW08	335424.724	6234748.172	13/02/2024	3.793	13/02/2024			0.54			0.78	3.25		3.25	
Zone 1 NW Tank Farm	WSP2024_AMW08	335424.724	6234748.172	11/05/2024	3.793	5/11/2024			0.48			0.78	3.32		3.32	
Zone 1 NW Tank Farm	WSP2024_AMW08	335424.724	6234748.172	5/06/2024	3.793	6/05/2024			0.05			0.78	3.74		3.74	
Zone 1 NW Tank Farm	WSP2024_AMW08	335424.724	6234748.172	13/08/2024	3.793	13/08/2024			0.22			0.78	3.57		3.57	
Zone 1 NW Tank Farm	WSP2024_AMW09	335472.822	6234768.526	13/02/2024	4.529	13/02/2024			1.24			0.78	3.29		3.29	
Zone 1 NW Tank Farm	WSP2024_AMW09	335472.822	6234768.526	11/05/2024	4.529	5/11/2024			1.12			0.78	3.41		3.41	
Zone 1 NW Tank Farm	WSP2024_AMW09	335472.822	6234768.526	5/06/2024	4.529	6/05/2024			0.70			0.78	3.83		3.83	
Zone 1 NW Tank Farm	WSP2024_AMW09	335472.822	6234768.526	13/08/2024	4.529	13/08/2024			0.82			0.78	3.71		3.71	
Zone 1 NW Tank Farm	WSP2024_AMW10	335466.268	6234734.647	13/02/2024	4.661	13/02/2024			1.33			0.78	3.33		3.33	
Zone 1 NW Tank Farm	WSP2024_AMW10	335466.268	6234734.647	11/05/2024	4.661	5/11/2024			1.26			0.78	3.40		3.40	
Zone 1 NW Tank Farm	WSP2024_AMW10	335466.268	6234734.647	5/06/2024	4.661	6/05/2024			0.86			0.78	3.80		3.80	
Zone 1 NW Tank Farm	WSP2024_AMW10	335466.268	6234734.647	13/08/2024	4.661	13/08/2024			0.98			0.78	3.68		3.68	
Zone 1 NW Tank Farm	WSP2024_AMW11	335439.141	6234682.626	13/02/2024	4.343	13/02/2024			1.04			0.78	3.30		3.30	
Zone 1 NW Tank Farm	WSP2024_AMW11	335439.141	6234682.626	5/06/2024	4.343	6/05/2024			0.56			0.78	3.79		3.79	
Zone 1 NW Tank Farm	WSP2024_PMW16	335305.145	6234919.332	5/01/2024	5.125	1/05/2024	1.8	4.8	2.47			0.78	2.65		2.65	
Zone 1 NW Tank Farm	WSP2024_PMW16	335305.145	6234919.332	11/06/2024	5.125	6/11/2024	1.8	4.8	2.81			0.78	2.31		2.31	
Zone 1 NW Tank Farm	WSP2024_PMW16	335305.145	6234919.332	2/07/2024	5.125	7/02/2024	1.8	4.8	2.83			0.78	2.30		2.30	
Zone 1 NW Tank Farm	WSP2024_PMW16	335305.145	6234919.332	8/07/2024	5.125	7/08/2024	1.8	4.8	2.50			0.78	2.63		2.63	
Zone 1 NW Tank Farm	WSP2024_PMW20	335266.324	6234699.144	11/04/2024	5.163	4/11/2024	1	4	2.31			0.78	2.85		2.85	
Zone 1 NW Tank Farm	WSP2024_PMW20	335266.324	6234699.144	29/04/2024	5.163	29/04/2024	1	4	2.27			0.78	2.89		2.89	
Zone 1 NW Tank Farm	WSP2024_PMW20	335266.324	6234699.144	2/05/2024	5.163	2/05/2024	1	4	1.37			0.78	3.79		3.79	
Zone 1 NW Tank Farm	WSP2024_PMW20	335266.324	6234699.144	8/05/2024	5.163	5/08/2024	1	4	2.16			0.78	3.00		3.00	
Zone 1 NW Tank Farm	WSP2024_PMW37	335362.903	6235010.722	5/01/2024	4.843	1/05/2024	0.9	5.1	1.96			0.78	2.88		2.88	
Zone 1 NW Tank Farm	WSP2024_PMW37	335362.903	6235010.722	11/06/2024	4.843	6/11/2024	0.9	5.1	2.19			0.78	2.65		2.65	
Zone 1 NW Tank Farm	WSP2024_PMW37	335362.903	6235010.722	2/07/2024	4.843	7/02/2024	0.9	5.1	2.20			0.78	2.64		2.64	
Zone 1 NW Tank Farm	WSP2024_PMW37	335362.903	6235010.722	8/07/2024	4.843	7/08/2024	0.9	5.1	1.86			0.78	2.98		2.98	
Zone 1 NW Tank Farm	WSP2024_PMW45	335264.141	6234859.703	5/01/2024	3.976	1/05/2024	1	4.5	1.31			0.78	2.67		2.67	
Zone 1 NW Tank Farm	WSP2024_PMW45	335264.141	6234859.703	11/06/2024	3.976	6/11/2024	1	4.5	1.54			0.78	2.44		2.44	
Zone 1 NW Tank Farm	WSP2024_PMW45	335264.141	6234859.703	2/07/2024	3.976	7/02/2024	1	4.5	1.59			0.78	2.39		2.39	
Zone 1 NW Tank Farm	WSP2024_PMW45	335264.141	6234859.703	8/07/2024	3.976	7/08/2024	1	4.5	1.27			0.78	2.70		2.70	
Zone 1 NW Tank Farm	WSP2024_PMW46	335336.71	6235000.741	5/01/2024	5.536	1/05/2024	1	4.5	2.82			0.78	2.71		2.71	
Zone 1 NW Tank Farm	WSP2024_PMW46	335336.71	6235000.741	11/06/2024	5.536	6/11/2024	1	4.5	3.05			0.78	2.49		2.49	
Zone 1 NW Tank Farm	WSP2024_PMW46	335336.71	6235000.741	2/07/2024	5.536	7/02/2024	1	4.5	3.13			0.78	2.40		2.40	
Zone 1 NW Tank Farm	WSP2024_PMW46	335336.71	6235000.741	8/07/2024	5.536	7/08/2024	1	4.5	2.75			0.78	2.79		2.79	
Zone 1 NW Tank Farm	WSP2024_PMW68	335392.286	6234912.041	5/03/2024	5.218	3/05/2024	1	4	1.48			0.78	3.74		3.74	
Zone 1 NW Tank Farm	WSP2024_PMW68	335392.286	6234912.041	11/08/2024	5.218	11/08/2024	1	4	2.13			0.78	3.09		3.09	
Zone 1 NW Tank Farm	WSP2024_PMW68	335392.286	6234912.041	2/09/2024	5.218	9/02/2024	1	4	1.99			0.78	3.23		3.23	
Zone 1 NW Tank Farm	WSP2024_PMW68	335392.286	6234912.041	8/09/2024	5.218	9/08/2024	1	4	1.80			0.78	3.42		3.42	
Zone 1 NW Tank Farm	WSP2024_PMW69	335315.149	6234973.262	5/02/2024	5.067	2/05/2024	1	4	2.34			0.78	2.73		2.73	
Zone 1 NW Tank Farm	WSP2024_PMW69	335315.149	6234973.262	8/08/2024	5.067	8/08/2024	1	4	2.47			0.78	2.59		2.59	
Zone 1 NW Tank Farm	WSP2024_PMW69	335315.149	6234973.262	11/08/2024	5.067	11/08/2024	1	4	2.82			0.78	2.24		2.24	
Zone 1 NW Tank Farm	WSP2024_PMW69	335315.149	6234973.262	2/09/2024	5.067	9/02/2024	1	4	2.93			0.78	2.14		2.14	
Zone 1 NW Tank Farm	WSP2024_PMW70	335308.678	6234958.205	5/02/2024	4.962	2/05/2024	1	4	2.32			0.78	2.64		2.64	
Zone 1 NW Tank Farm	WSP2024_PMW70	335308.678	6234958.205	8/08/2024	4.962	8/08/2024	1	4	2.47			0.78	2.50		2.50	ant nest at tip of monument
Zone 1 NW Tank Farm	WSP2024_PMW70	335308.678	6234958.205	11/08/2024	4.962	11/08/2024	1	4	2.79			0.78	2.17		2.17	
Zone 1 NW Tank Farm	WSP2024_PMW70	335308.678	6234958.205	2/09/2024	4.962	9/02/2024	1	4	2.88			0.78	2.08		2.08	ant nest at tip of monument
Zone 1 NW Tank Farm	WSP2024_PMW71	335353.449	6234984.909	5/01/2024	5.963	1/05/2024	1	4	2.97			0.78	2.99		2.99	
Zone 1 NW Tank Farm	WSP2024_PMW71	335353.449	6234984.909	2/07/2024	5.963	7/02/2024	1	4	3.20			0.78	2.77		2.77	
Zone 1 NW Tank Farm	WSP2024_PMW71	335353.449	6234984.909	8/07/2024	5.963	7/08/2024	1	4	2.89			0.78	3.08		3.08	
Zone 1 NW Tank Farm	WSP2024_PMW72	335386.028	6234979.593	5/01/2024	5.363	1/05/2024	1	4	2.36	2.29	0.07	0.78	3.01	3.07	3.06	
Zone 1 NW Tank Farm	WSP2024_PMW72	335386.028	6234979.593	2/07/2024	5.363	7/02/2024	1	4	2.90	2.65	0.25	0.78	2.46	2.71	2.66	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW72	335386.028	6234979.593	8/07/2024	5.363	7/08/2024	1	4	2.21	2.15	0.07	0.78	3.15	3.22	3.20	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW73	335383.278	6234957.893	5/01/2024	5.309	1/05/2024	1	4	2.05			0.78	3.26		3.26	
Zone 1 NW Tank Farm	WSP2024_PMW73	335383.278	6234957.893	2/07/2024	5.309	7/02/2024	1	4	2.43			0.78	2.88		2.88	
Zone 1 NW Tank Farm	WSP2024_PMW73	335383.278	6234957.893	8/07/2024	5.309	7/08/2024	1	4	2.00			0.78	3.31		3.31	
Zone 1 NW Tank Farm	WSP2024_PMW76	335364.028	6234971.286	5/01/2024	5.562	1/05/2024	1	4	2.44			0.78	3.12		3.12	
Zone 1 NW Tank Farm	WSP2024_PMW76	335364.028	6234971.286	2/07/2024	5.562	7/02/2024	1	4	2.81			0.78	2.75		2.75	
Zone 1 NW Tank Farm	WSP2024_PMW76	335364.028	6234971.286	8/07/2024	5.562	7/08/2024	1	4	2.39			0.78	3.18		3.18	
Zone 1 NW Tank Farm	WSP2024_PMW77	335483.244	6234894.258	5/03/2024	5.54	3/05/2024	1	4	0.62			0.78	4.92		4.92	
Zone 1 NW Tank Farm	WSP2024_PMW77	335483.244	6234894.258	11/08/2024	5.54	11/08/2024	1	4	1.18			0.78	4.37		4.37	
Zone 1 NW Tank Farm	WSP2024_PMW77	335483.244	6234894.258	2/09/2024	5.54	9/02/2024	1	4	1.35			0.78	4.19		4.19	
Zone 1 NW Tank Farm	WSP2024_PMW77	335483.244	6234894.258	8/09/2024	5.54	9/08/2024	1	4	0.88			0.78	4.66		4.66	
Zone 1 NW Tank Farm	WSP2024_PMW78	335436.147	6234922.811	5/03/2024	5.367	3/05/2024	1	4	1.31			0.78	4.06		4.06	
Zone 1 NW Tank Farm	WSP2024_PMW78	335436.147	6234922.811	11/08/2024	5.367	11/08/2024	1	4	1.86			0.78	3.51		3.51	
Zone 1 NW Tank Farm	WSP2024_PMW78	335436.147	6234922.811	2/09/2024	5.367	9/02/2024	1	4	1.87			0.78	3.50		3.50	
Zone 1 NW Tank Farm	WSP2024_PMW78	335436.147	6234922.811	8/09/2024	5.367	9/08/2024	1	4	1.58			0.78	3.79		3.79	
Zone 1 NW Tank Farm	WSP2024_PMW79	335430.961	6234909.462	5/03/2024	5.214	3/05/2024	1	4	1.42			0.78	3.79		3.79	
Zone 1 NW Tank Farm	WSP2024_PMW79	335430.961	6234909.462	11/08/2024	5.214	11/08/2024	1	4	2.06			0.78	3.16		3.16	
Zone 1 NW Tank Farm	WSP2024_PMW79	335430.961	6234909.462	2/09/2024	5.214	9/02/2024	1	4	2.12			0.78	3.10		3.10	
Zone 1 NW Tank Farm	WSP2024_PMW79	335430.961	6234909.462	8/09/2024	5.214	9/08/2024	1	4	1.73			0.78	3.49		3.49	
Zone 1 NW Tank Farm	WSP2024_PMW80	335512.16	6234901.029	5/03/2024	5.85	3/05/2024	1	4	2.26	2.16	0.11	0.78	3.59	3.70	3.67	Not sampled due to the presence of LNAPL in the well.
Zone 1 NW Tank Farm	WSP2024_PMW80	335512.16	6234901.029	11/08/2024	5.85	11/08/2024	1	4	2.78	2.50	0.28	0.78	3.07	3.35	3.29	LNAPL present no sample taken.
Zone 1 NW Tank Farm	WSP2024_PMW80	335512.16	6234901.029	2/09/2024	5.85	9/02/2024	1	4	2.87	2.57	0.30	0.78	2.98	3.28	3.22	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW80	335512.16	6234901.029	8/09/2024	5.85	9/08/2024	1	4	2.74	2.17	0.57	0.78	3.11	3.68	3.55	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW81	335485.719	6234920.188	5/03/2024	5.108	3/05/2024	1	4	2.13	1.39	0.74	0.78	2.98	3.72	3.56	Not sampled due to the presence of LNAPL in the well.
Zone 1 NW Tank Farm	WSP2024_PMW81	335485.719	6234920.188	11/08/2024	5.108	11/08/2024	1	4	2.23	1.48	0.75	0.78	2.88	3.63	3.46	
Zone 1 NW Tank Farm	WSP2024_PMW81	335485.719	6234920.188	2/09/2024	5.108	9/02/2024	1	4	2.25	1.95	0.30	0.78	2.86	3.16	3.09	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW81	335485.719	6234920.188	8/09/2024	5.108	9/08/2024	1	4	2.19	1.52	0.68	0.78	2.92	3.59	3.44	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW85	335380.096	6234980.96	5/01/2024	5.483	1/05/2024	1	5	2.40			0.78	3.08		3.08	
Zone 1 NW Tank Farm	WSP2024_PMW85	335380.096	6234980.96	2/07/2024	5.483	7/02/2024	1	5	2.76			0.78	2.73		2.73	

Table T02 - Project Area Groundwater Gauging Results

Monitoring Zone	Location Code	x coord	y coord	Date	Top of Casing Elevation (m AHD)	Date	Top Screen Depth	Bottom Screen Depth	Depth to Water (m BTOC)	Depth to LNAPL (m BTOC)	LNAPL Thickness (m)	LNAPL Rel Density	Groundwater Elevation	LNAPL Elevation	Product Corrected Water Level (m AHD)	Gauging Comments
Zone 1 NW Tank Farm	WSP2024_PMW85	335380.096	6234980.96	8/07/2024	5.483	7/08/2024	1	5	2.31			0.78	3.18		3.18	
Zone 1 NW Tank Farm	WSP2024_PMW86	335393.75	6235008.829	5/01/2024	5.41	1/05/2024	1	4	2.36			0.78	3.05		3.05	sheen
Zone 1 NW Tank Farm	WSP2024_PMW86	335393.75	6235008.829	11/06/2024	5.41	6/11/2024	1	4	2.61			0.78	2.80		2.80	
Zone 1 NW Tank Farm	WSP2024_PMW86	335393.75	6235008.829	2/07/2024	5.41	7/02/2024	1	4	2.71			0.78	2.70		2.70	
Zone 1 NW Tank Farm	WSP2024_PMW86	335393.75	6235008.829	8/07/2024	5.41	7/08/2024	1	4	2.30			0.78	3.11		3.11	
Zone 1 NW Tank Farm	WSP2024_PMW87	335466.641	6235000.323	5/01/2024	5.427	1/05/2024	1	4	2.14			0.78	3.29		3.29	
Zone 1 NW Tank Farm	WSP2024_PMW87	335466.641	6235000.323	11/06/2024	5.427	6/11/2024	1	4	2.36			0.78	3.07		3.07	
Zone 1 NW Tank Farm	WSP2024_PMW87	335466.641	6235000.323	2/07/2024	5.427	7/02/2024	1	4	2.40			0.78	3.03		3.03	
Zone 1 NW Tank Farm	WSP2024_PMW87	335466.641	6235000.323	8/07/2024	5.427	7/08/2024	1	4	2.07			0.78	3.36		3.36	
Zone 1 NW Tank Farm	WSP2024_PMW88	335494.532	6235038.211	5/01/2024	7.161	1/05/2024	1.5	4.5	3.84			0.78	3.33		3.33	
Zone 1 NW Tank Farm	WSP2024_PMW88	335494.532	6235038.211	11/06/2024	7.161	6/11/2024	1.5	4.5	4.06			0.78	3.11		3.11	
Zone 1 NW Tank Farm	WSP2024_PMW88	335494.532	6235038.211	2/07/2024	7.161	7/02/2024	1.5	4.5	4.15			0.78	3.02		3.02	
Zone 1 NW Tank Farm	WSP2024_PMW88	335494.532	6235038.211	8/07/2024	7.161	7/08/2024	1.5	4.5	3.79			0.78	3.38		3.38	
Zone 1 NW Tank Farm	WSP2024_PMW89	335502.697	6234983.275	5/03/2024	5.469	3/05/2024	1.5	4.5	1.88			0.78	3.59		3.59	
Zone 1 NW Tank Farm	WSP2024_PMW89	335502.697	6234983.275	11/08/2024	5.469	11/08/2024	1.5	4.5	2.29			0.78	3.18		3.18	
Zone 1 NW Tank Farm	WSP2024_PMW89	335502.697	6234983.275	2/09/2024	5.469	9/02/2024	1.5	4.5	2.40			0.78	3.07		3.07	
Zone 1 NW Tank Farm	WSP2024_PMW89	335502.697	6234983.275	8/09/2024	5.469	9/08/2024	1.5	4.5	2.03			0.78	3.44		3.44	
Zone 1 NW Tank Farm	WSP2024_PMW90	335515.535	6234920.582	5/03/2024	5.861	3/05/2024	1.5	6	2.21			0.78	3.65		3.65	
Zone 1 NW Tank Farm	WSP2024_PMW90	335515.535	6234920.582	11/08/2024	5.861	11/08/2024	1.5	6	2.59			0.78	3.28		3.28	
Zone 1 NW Tank Farm	WSP2024_PMW90	335515.535	6234920.582	2/09/2024	5.861	9/02/2024	1.5	6	2.67			0.78	3.19		3.19	bentonite present on top of torque cover.
Zone 1 NW Tank Farm	WSP2024_PMW90	335515.535	6234920.582	8/09/2024	5.861	9/08/2024	1.5	6	3.00			0.78	2.86		2.86	bentonite present on top of torque cover.
Zone 1 NW Tank Farm	WSP2024_PMW93	335381.305	6234975.12	5/01/2024	5.631	1/05/2024	1	4	2.54	2.49	0.05	0.78	3.09	3.14	3.13	
Zone 1 NW Tank Farm	WSP2024_PMW93	335381.305	6234975.12	2/07/2024	5.631	7/02/2024	1	4	3.10	2.84	0.27	0.78	2.53	2.80	2.74	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW93	335381.305	6234975.12	8/07/2024	5.631	7/08/2024	1	4	2.48	2.40	0.08	0.78	3.15	3.23	3.21	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW96	335440.925	6234893.591	5/03/2024	5.109	3/05/2024	0.5	4	1.26	1.22	0.04	0.78	3.85	3.89	3.88	Not sampled due to the LNAPL presence in the well.
Zone 1 NW Tank Farm	WSP2024_PMW96	335440.925	6234893.591	11/08/2024	5.109	11/08/2024	0.5	4	1.89	1.89	0.00	0.78	3.22	3.22	3.22	
Zone 1 NW Tank Farm	WSP2024_PMW96	335440.925	6234893.591	2/09/2024	5.109	9/02/2024	0.5	4	1.96			0.78	3.15		3.15	slight sheen
Zone 1 NW Tank Farm	WSP2024_PMW96	335440.925	6234893.591	8/09/2024	5.109	9/08/2024	0.5	4	2.10	1.56	0.54	0.78	3.01	3.55	3.43	Did not sample due to LNAPL present in the well.
Zone 1 NW Tank Farm	WSP2024_PMW97	335465.898	6234921.48	5/03/2024	5.27	3/05/2024	0.5	4	2.21	1.54	0.68	0.78	3.06	3.74	3.59	Not sampled due to the presence of LNAPL in the well.
Zone 1 NW Tank Farm	WSP2024_PMW97	335465.898	6234921.48	11/08/2024	5.27	11/08/2024	0.5	4	2.15	2.10	0.05	0.78	3.12	3.17	3.16	
Zone 1 NW Tank Farm	WSP2024_PMW97	335465.898	6234921.48	2/09/2024	5.27	9/02/2024	0.5	4	2.30	2.18	0.13	0.78	2.97	3.10	3.07	Did not sample due to LNAPL present in the well .
Zone 1 NW Tank Farm	WSP2024_PMW97	335465.898	6234921.48	8/09/2024	5.27	9/08/2024	0.5	4	1.91	1.74	0.17	0.78	3.36	3.53	3.49	Did not sample due to LNAPL present in the well .
Zone 1 NW Tank Farm	WSP2024_PU30	335338.351	6234671.783	5/06/2024	4.259	6/05/2024	1	4	0.79			0.78	3.47		3.47	
Zone 1 NW Tank Farm	WSP2024_PU30	335338.351	6234671.783	11/11/2024	4.259	11/11/2024	1	4	1.16			0.78	3.10		3.10	
Zone 1 NW Tank Farm	WSP2024_PU30	335338.351	6234671.783	2/12/2024	4.259	12/02/2024	1	4	1.20			0.78	3.06		3.06	
Zone 1 NW Tank Farm	WSP2024_PU30	335338.351	6234671.783	8/12/2024	4.259	12/08/2024	1	4	1.03			0.78	3.23		3.23	
Zone 1 NW Tank Farm	WSP2024_PU52	335466.58	6235068.851	5/01/2024	5.193	1/05/2024	1	4	1.96			0.78	3.24		3.24	
Zone 1 NW Tank Farm	WSP2024_PU52	335466.58	6235068.851	11/06/2024	5.193	6/11/2024	1	4	2.26			0.78	2.93		2.93	
Zone 1 NW Tank Farm	WSP2024_PU52	335466.58	6235068.851	2/07/2024	5.193	7/02/2024	1	4	2.33			0.78	2.87		2.87	
Zone 1 NW Tank Farm	WSP2024_PU52	335466.58	6235068.851	8/07/2024	5.193	7/08/2024	1	4	1.94			0.78	3.25		3.25	
Zone 1 NW Tank Farm	WSP2024_PU53	335520.978	6235012.45	5/01/2024	7.058	1/05/2024	2	7	3.62			0.78	3.44		3.44	
Zone 1 NW Tank Farm	WSP2024_PU53	335520.978	6235012.45	2/07/2024	7.058	7/02/2024	2	7	3.95			0.78	3.11		3.11	
Zone 1 NW Tank Farm	WSP2024_PU53	335520.978	6235012.45	8/07/2024	7.058	7/08/2024	2	7	3.61			0.78	3.45		3.45	
Zone 1 NW Tank Farm	WSP2024_PU53	335520.978	6235012.45	11/07/2024	7.058	7/11/2024	2	7	3.87			0.78	3.19		3.19	
Zone 1 NW Tank Farm	WSP2024_PU54	335423.596	6235007.327	5/01/2024	5.372	1/05/2024	1	4	2.24			0.78	3.13		3.13	
Zone 1 NW Tank Farm	WSP2024_PU54	335423.596	6235007.327	11/06/2024	5.372	6/11/2024	1	4	2.43			0.78	2.94		2.94	
Zone 1 NW Tank Farm	WSP2024_PU54	335423.596	6235007.327	2/07/2024	5.372	7/02/2024	1	4	2.16			0.78	3.22		3.22	
Zone 1 NW Tank Farm	WSP2024_PU54	335423.596	6235007.327	8/07/2024	5.372	7/08/2024	1	4	2.13			0.78	3.24		3.24	
Zone 1 NW Tank Farm	WSP2024_PU55	335349.037	6234966.879	5/01/2024	5.056	1/05/2024	1	5	1.85			0.78	3.21		3.21	
Zone 1 NW Tank Farm	WSP2024_PU55	335349.037	6234966.879	2/07/2024	5.056	7/02/2024	1	5	2.40			0.78	2.65		2.65	
Zone 1 W Tank Farm	WSP2024_PMW13	334917.469	6234422.317	11/04/2024	4.29	4/11/2024	1.5	4.5	1.87			0.78	2.43		2.43	
Zone 1 W Tank Farm	WSP2024_PMW13	334917.469	6234422.317	8/05/2024	4.29	5/08/2024	1.5	4.5	1.44			0.78	2.85		2.85	
Zone 1 W Tank Farm	WSP2024_PU56	334895.722	6234669.996	11/04/2024	3.364	4/11/2024	1	4	1.49			0.78	1.87		1.87	
Zone 1 W Tank Farm	WSP2024_PU56	334895.722	6234669.996	29/04/2024	3.364	29/04/2024	1	4	1.11			0.78	2.26		2.26	
Zone 1 W Tank Farm	WSP2024_PU56	334895.722	6234669.996	8/05/2024	3.364	5/08/2024	1	4	1.19			0.78	2.17		2.17	
Zone 1 W Tank Farm	WSP2024_PU56	334895.722	6234669.996	2/06/2024	3.364	6/02/2024	1	4	1.37			0.78	1.99		1.99	
Zone 1 W Tank Farm	WSP2024_PU57	334813.985	6234719.38	11/04/2024	3.351	4/11/2024	1	4	1.56			0.78	1.79		1.79	
Zone 1 W Tank Farm	WSP2024_PU57	334813.985	6234719.38	29/04/2024	3.351	29/04/2024	1	4	1.21			0.78	2.14		2.14	
Zone 1 W Tank Farm	WSP2024_PU57	334813.985	6234719.38	2/05/2024	3.351	2/05/2024	1	4	1.54			0.78	1.81		1.81	
Zone 1 W Tank Farm	WSP2024_PU57	334813.985	6234719.38	8/05/2024	3.351	5/08/2024	1	4	1.20			0.78	2.15		2.15	
Zone 1 WWTP	WSP2024_PMW03	334687.3205	6234975.307	11/04/2024	3.609	4/11/2024	1	3.7	2.38			0.78	1.23		1.23	
Zone 1 WWTP	WSP2024_PMW03	334687.3205	6234975.307	29/04/2024	3.609	29/04/2024	1	3.7	2.17			0.78	1.44		1.44	
Zone 1 WWTP	WSP2024_PMW03	334687.3205	6234975.307	2/05/2024	3.609	2/05/2024	1	3.7	2.40			0.78	1.21		1.21	
Zone 1 WWTP	WSP2024_PMW03	334687.3205	6234975.307	8/05/2024	3.609	5/08/2024	1	3.7	2.00			0.78	1.61		1.61	
Zone 1 WWTP	WSP2024_PMW05	334538.886	6234817.434	11/04/2024	3.467	4/11/2024	0.5	4.5	2.11			0.78	1.36		1.36	
Zone 1 WWTP	WSP2024_PMW05	334538.886	6234817.434	29/04/2024	3.467	29/04/2024	0.5	4.5	1.87			0.78	1.60		1.60	
Zone 1 WWTP	WSP2024_PMW05	334538.886	6234817.434	2/05/2024	3.467	2/05/2024	0.5	4.5	2.13			0.78	1.34		1.34	RINSATE02
Zone 1 WWTP	WSP2024_PMW05	334538.886	6234817.434	8/05/2024	3.467	5/08/2024	0.5	4.5	1.67			0.78	1.80		1.80	
Zone 1 WWTP	WSP2024_PMW11	334612.215	6234828.768	11/04/2024	3.513	4/11/2024	1.5	4.5	2.01			0.78	1.50		1.50	
Zone 1 WWTP	WSP2024_PMW11	334612.215	6234828.768	29/04/2024	3.513	29/04/2024	1.5	4.5	1.70			0.78	1.81		1.81	
Zone 1 WWTP	WSP2024_PMW11	334612.215	6234828.768	2/05/2024	3.513	2/05/2024	1.5	4.5	2.03			0.78	1.49		1.49	
Zone 1 WWTP	WSP2024_PMW11	334612.215	6234828.768	8/05/2024	3.513	5/08/2024	1.5	4.5	1.56			0.78	1.95		1.95	
Zone 1 WWTP	WSP2024_PMW43	334595.982	6234846.87	11/04/2024	3.437	4/11/2024	1	4.5	2.84			0.78	0.60		0.60	
Zone 1 WWTP	WSP2024_PMW43	334595.982	6234846.87	29/04/2024	3.437	29/04/2024	1	4.5	2.53			0.78	0.91		0.91	
Zone 1 WWTP	WSP2024_PMW43	334595.982	6234846.87	2/05/2024	3.437	2/05/2024	1	4.5	2.85			0.78	0.58		0.58	
Zone 1 WWTP	WSP2024_PMW43	334595.982	6234846.87	8/05/2024	3.437	5/08/2024	1	4.5	2.44			0.78	1.00		1.00	
Zone 1 WWTP	WSP2024_PMW55	334738.049	6234942.199	11/04/2024	3.996	4/11/2024	0.7	3.7	2.73			0.78	1.27		1.27	
Zone 1 WWTP	WSP2024_PMW55	334738.049	6234942.199	29/04/2024	3.996	29/04/2024	0.7	3.7	2.51			0.78	1.48		1.48	
Zone 1 WWTP	WSP2024_PMW55	334738.049	6234942.199	2/05/2024	3.996	2/05/2024	0.7	3.7	2.74			0.78	1.25		1.25	
Zone 1 WWTP	WSP2024_PMW55	334738.049	6234942.199	8/05/2024	3.996	5/08/2024	0.7	3.7	2.49			0.78	1.51		1.51	

Notes

mbTOC	meters below Top of Casing
mAHD	meters Australian Height Datum
n/a	Not applicable
-	Not measured

Product Corrected Water Level assumed product density of 0.78

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			20		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	460	<100	<100	460	<20	290	<100	<100	290	-	-	-	0.002
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	<50	<50	<100	<100	<100	40	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	640	640	200	<100	840	<20	510	400	-	910	-	-	-	<0.001
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.01
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.004
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.004
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.002
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.002
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.007
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.002
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.001
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.002
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.001
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	<0.001
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.011
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.002
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.002
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.024
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	0.007
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	<100	<100	<100	<100	<100	20	<50	<100	<50	<50	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	<50	<50	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	<20	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	250	250	100	<100	350	40	140	300	<100	440	-	-	-	0.012
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	<50	<50	<100	<100	<100	20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	2,300.0	<100	<100	2,300.0	44,000.0	13,000.0	200	<100	13,200.0	-	-	-	0.006
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	<50	<100	<100	<100	130	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	760	100	<100	860	930	770	200	<100	970	-	-	-	<0.001
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	1,700.0	<100	<100	1,700.0	2,300.0	1,900.0	<100	<100	1,900.0	-	-	-	<0.001
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	1,900.0	5,700.0	1,100.0	8,700.0	<20	860	6,000.0	1,400.0	8,260.0	-	-	-	0.004
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	4,900.0	1,400.0	300	6,600.0	5,300.0	5,000.0	1,700.0	400	7,100.0	-	-	-	0.002
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	2,700.0	400	500	3,600.0	13,000.0	3,600.0	300	400	4,300.0	-	-	-	0.009
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	2,100.0	200	300	2,600.0	9,900.0	3,200.0	200	200	3,600.0	-	-	-	0.004
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	2,600.0	<100	<100	2,600.0	460	3,100.0	<100	<100	3,100.0	-	-	-	<0.001
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	110	<100	<100	110	220	120	<100	<100	120	-	-	-	<0.001
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	1,400.0	<100	<100	1,400.0	5,500.0	2,100.0	<100	<100	2,100.0	-	-	-	0.001
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	4,900.0	<100	<100	4,900.0	7,500.0	5,900.0	<100	<100	5,900.0	-	-	-	0.009
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	3,400.0	<100	<100	3,400.0	16,000.0	4,800.0	400	<100	5,200.0	-	-	-	0.016
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	4,200.0	<100	<100	4,200.0	17,000.0	7,000.0	<100	<100	7,000.0	-	-	-	0.009
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	4,100.0	<100	<100	4,100.0	20,000.0	6,600.0	<100	<100	6,600.0	-	-	-	0.009
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	1,900.0	200	<100	2,100.0	4,700.0	3,300.0	300	<100	3,600.0	-	-	-	0.004
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	5,300.0	<100	<100	5,300.0	38,000.0	13,000.0	<100	<100	13,000.0	-	-	-	0.008
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	1,700.0	<100	<100	1,700.0	5,500.0	3,700.0	300	<100	4,000.0	-	-	-	0.001
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	5,100.0	<100	<100	5,100.0	2,700.0	6,700.0	<100	<100	6,700.0	-	-	-	0.002
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	3,300.0	<100	<100	3,300.0	15,000.0	6,600.0	300	<100	6,900.0	-	-	-	0.011
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	6,300.0	<100	<100	6,300.0	7,100.0	16,000.0	<100	<100	16,000.0	-	-	-	0.007
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	2,700.0	100	<100	2,800.0	2,900.0	3,700.0	400	<100	4,100.0	-	-	-	0.001
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	6,000.0	<100	<100	6,000.0	4,000.0	10,000.0	600	<100	10,600.0	-	-	-	0.004
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	3,600.0	<100	<100	3,600.0	4,300.0	6,800.0	300	<100	7,100.0	-	-	-	0.004
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	360	<100	<100	360	20	340	400	<100	740	-	-	-	0.003
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	860	1,200.0	<100	<100	1,200.0	34,000.0	6,000.0	<100	-	6,000.0	-	-	-	0.011
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	<50	<50	<100	<100	<100	60	<50	<100	-	<100	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	110	1,100.0	<100	<100	1,100.0	14,000.0	2,800.0	<100	-	2,800.0	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	210	210	<100	<100	210	270	310	<100	-	310	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	150	150	<100	<100	150	240	140	<100	-	140	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	2,770.0	2,900.0	<100	<100	2,900.0	1,800.0	3,600.0	<100	-	3,600.0	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	520	520	1,100.0	<100	1,620.0	<20	130	1,300.0	-	1,530.0	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 #1 #1	0.1 #1 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3	NL | NL | NL #4													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	1,330.0	1,700.0	<100	<100	1,700.0	1,900.0	4,100.0	<100	-	4,100.0	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	2,900.0	4,900.0	<100	<100	4,900.0	14,000.0	9,600.0	<100	-	9,600.0	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	750	1,400.0	<100	<100	1,400.0	4,300.0	3,200.0	<100	-	3,200.0	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	3,450.0	3,600.0	400	<100	4,000.0	740	5,000.0	600	-	5,600.0	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	<50	<50	<100	<100	<100	120	<50	<100	-	<100	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	50	50	<100	<100	<100	130	110	<100	-	110	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	<100	<100	<100	<100	<100	210	<50	<100	-	<50	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	2,430.0	2,700.0	<100	<100	2,700.0	4,200.0	4,100.0	300	-	4,400.0	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	<50	1,800.0	<100	<100	1,800.0	13,000.0	3,000.0	<100	-	3,000.0	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	2,400.0	4,200.0	<100	<100	4,200.0	15,000.0	7,000.0	100	-	7,100.0	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	600	2,400.0	<100	<100	2,400.0	21,000.0	5,400.0	<100	-	5,400.0	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	4,700.0	6,500.0	<100	<100	6,500.0	16,000.0	13,000.0	<100	-	13,000.0	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	1,070.0	1,500.0	200	<100	1,700.0	5,200.0	2,800.0	200	-	3,000.0	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	6,700.0	8,100.0	2,900.0	300	11,300.0	28,000.0	12,000.0	3,100.0	-	15,700.0	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	1,790.0	2,300.0	500	<100	2,800.0	4,600.0	4,200.0	600	-	4,800.0	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	1,820.0	2,200.0	300	<100	2,500.0	2,500.0	2,700.0	400	-	3,100.0	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	2,100.0	4,000.0	300	<100	4,300.0	6,600.0	6,600.0	500	-	7,100.0	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	1,900.0	3,600.0	600	<100	4,200.0	1,800.0	5,400.0	800	-	6,300.0	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	1,400.0	3,000.0	300	<100	3,300.0	3,000.0	4,700.0	400	-	5,100.0	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	2,580.0	3,780.0	200	<100	3,980.0	4,240.0	5,300.0	280	-	5,580.0	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	2,120.0	2,400.0	300	<100	2,700.0	3,900.0	4,400.0	400	-	4,800.0	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	2,300.0	3,400.0	500	<100	3,900.0	3,100.0	5,600.0	700	-	6,300.0	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	2,000.0	3,600.0	400	<100	4,000.0	1,900.0	4,900.0	700	-	5,600.0	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	260	290	100	<100	390	50	300	200	-	500	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	220	220	200	<100	420	<20	140	300	-	440	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	900	200	1,100.0	<20	<50	700	300	1,000.0	-	-	-	0.003
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	50	1,300.0	200	1,550.0	<20	<50	1,200.0	200	1,400.0	-	-	-	<0.001
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	<50	200	<100	200	<100	<50	200	<100	200	-	-	-	0.006
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	2,000.0	200	2,200.0	<20	<50	1,800.0	400	2,200.0	-	-	-	0.004
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	150	2,200.0	600	2,950.0	<20	<50	1,700.0	900	2,600.0	-	-	-	0.008
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	4,200.0	4,900.0	1,000.0	10,100.0	<200	1,800.0	6,400.0	1,300.0	9,500.0	-	-	-	0.006
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	900	400	1,300.0	<20	<50	700	500	1,200.0	-	-	-	<0.001
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	1,000.0	200	1,200.0	<20	<50	900	300	1,200.0	-	-	-	0.005
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	480	5,300.0	500	6,280.0	<20	240	4,200.0	1,900.0	6,340.0	-	-	-	0.004
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	4,000.0	9,700.0	1,000.0	14,700.0	<20	1,600.0	11,000.0	1,600.0	14,200.0	-	-	-	0.004
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	190	2,900.0	400	3,490.0	<20	<50	2,600.0	700	3,300.0	-	-	-	0.003
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	4,100.0	11,000.0	1,100.0	16,200.0	<20	1,500.0	13,000.0	1,600.0	16,100.0	-	-	-	0.001
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	2,200.0	600	2,800.0	<20	<50	1,700.0	800	2,500.0	-	-	-	0.003
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	2,900.0	600	3,500.0	<20	<50	2,400.0	900	3,300.0	-	-	-	<0.001
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons									
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			20		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	06 Aug 2024	OMW05	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_OMW06	06 Aug 2024	OMW06	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_OMW09	06 Aug 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	<50	100	<100	100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_OMW10	06 Aug 2024	OMW10	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_OMW11	06 Aug 2024	OMW11	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.006
WSP2025d_OMW12	06 Aug 2024	OMW12	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_PMW10	12 Aug 2024	PMW10	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW30	12 Aug 2024	PMW30	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_PMW38	12 Aug 2024	PMW38	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW41	12 Aug 2024	PMW41	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW42	12 Aug 2024	PMW42	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW49	12 Aug 2024	PMW49	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.018
WSP2025d_PMW50	12 Aug 2024	PMW50	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW51	12 Aug 2024	PMW51	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	100	100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PMW53	12 Aug 2024	PMW53	Normal	DU17	Former CLOR	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW57	12 Aug 2024	PMW57	Normal	DU17	Former CLOR	<20	<20	-	<50	300	200	500	<20	<50	<100	300	300	-	-	-	0.002
WSP2025i_BP01	11 Nov 2024	BP01	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.005
WSP2025i_CLOR1	11 Nov 2024	CLOR1	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW01	04 Nov 2024	CMW01	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW02	04 Nov 2024	CMW02	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW03	04 Nov 2024	CMW03	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW04	04 Nov 2024	CMW04	Normal	DU17	Former CLOR	<20	<20	270	270	700	<100	970	<20	130	900	-	1,030.0	-	-	-	-
WSP2025i_CMW06	04 Nov 2024	CMW06	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	-	<50	-	-	-	-
WSP2025i_CMW08	04 Nov 2024	CMW08	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	<50	<50	200	<100	200	<20	<50	400	-	400	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	<50	<50	200	<100	200	<20	<50	300	-	300	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	<100	<100	740	<100	740	<20	<50	700	-	780	-	-	-	-
WSP2025i_CMW10	04 Nov 2024	CMW10	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW11	04 Nov 2024	CMW11	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW12	04 Nov 2024	CMW12	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW14	04 Nov 2024	CMW14	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW15	04 Nov 2024	CMW15	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW16	04 Nov 2024	CMW16	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW19	04 Nov 2024	CMW19	Normal	DU17	Former CLOR	<20	<20	<50	<50	700	<100	700	<20	<50	700	-	700	-	-	-	-
WSP2025i_CMW22	04 Nov 2024	CMW22	Normal	DU17	Former CLOR	<20	<20	150	150	400	<100	550	<20	80	500	-	580	-	-	-	-
WSP2025i_CMW29	04 Nov 2024	CMW29	Normal	DU17	Former CLOR	<20	<20	120	120	900	<100	1,020.0	<20	60	1,000.0	-	1,060.0	-	-	-	-
WSP2025i_CMW30	04 Nov 2024	CMW30	Normal	DU17	Former CLOR	<20	<20	<50	<50	1,500.0	<100	1,500.0	<20	<50	1,500.0	-	1,500.0	-	-	-	-
WSP2025i_CMW31	04 Nov 2024	CMW31	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_CMW32	04 Nov 2024	CMW32	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW01	05 Nov 2024	OMW01	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW02	05 Nov 2024	OMW02	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW03	05 Nov 2024	OMW03	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW04A	05 Nov 2024	OMW04A	Normal	DU17	Former CLOR	<20	<20	80	80	500	<100	580	<20	<50	500	-	500	-	-	-	-
WSP2025i_OMW05	05 Nov 2024	OMW05	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW06	05 Nov 2024	OMW06	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	<100	<100	260	<100	260	<20	<50	310	-	310	-	-	-	-
WSP2025i_OMW10	05 Nov 2024	OMW10	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_OMW11	05 Nov 2024	OMW11	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW10	11 Nov 2024	PMW10	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	<0.001

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 #1 #1	0.1 #1 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3	NL | NL | NL #4													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	11 Nov 2024	PMW30	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW38	11 Nov 2024	PMW38	Normal	DU17	Former CLOR	<20	<20	110	110	300	<100	410	<20	<50	300	-	300	-	-	-	<0.001
WSP2025i_PMW41	11 Nov 2024	PMW41	Normal	DU17	Former CLOR	<20	<20	230	230	700	<100	930	<20	180	700	-	980	-	-	-	-
WSP2025i_PMW42	11 Nov 2024	PMW42	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW49	11 Nov 2024	PMW49	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.033
WSP2025i_PMW50	11 Nov 2024	PMW50	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.002
WSP2025i_PMW50	11 Nov 2024	PMW50	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW50	11 Nov 2024	PMW50	Normal	DU17	Former CLOR	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	-	<50	-	-	-	-
WSP2025i_PMW51	11 Nov 2024	PMW51	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.002
WSP2025i_PMW53	11 Nov 2024	PMW53	Normal	DU17	Former CLOR	<20	<20	70	70	<100	200	270	<20	70	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW57	11 Nov 2024	PMW57	Normal	DU17	Former CLOR	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025d_PP17	05 Aug 2024	PP17	Normal	DU17	Former Fire Training Area	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_AMW07	13 Aug 2024	AMW07	Normal	DU17	Former Fuel Refinery	38,000.0	**22,000.0**	-	970	<100	<100	970	29,000.0	3,400.0	<100	<100	3,400.0	-	-	-	0.032
WSP2025d_AMW08	13 Aug 2024	AMW08	Normal	DU17	Former Fuel Refinery	8,300.0	5,600.0	-	1,800.0	<100	<100	1,800.0	6,200.0	3,900.0	<100	<100	3,900.0	-	-	-	0.002
WSP2025d_AMW09	13 Aug 2024	AMW09	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	100	100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_AMW10	13 Aug 2024	AMW10	Normal	DU17	Former Fuel Refinery	33,000.0	**19,000.0**	-	1,600.0	<100	<100	1,600.0	21,000.0	5,200.0	100	<100	5,300.0	-	-	-	0.02
WSP2025d_PMW13	05 Aug 2024	PMW13	Normal	DU17	Former Fuel Refinery	<20	<20	-	130	<100	<100	130	<20	70	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW15	05 Aug 2024	PMW15	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.013
WSP2025d_PMW20	05 Aug 2024	PMW20	Normal	DU17	Former Fuel Refinery	620	620	-	7,900.0	2,800.0	900	11,600.0	<200	5,800.0	3,000.0	<100	8,800.0	-	-	-	0.004
WSP2025d_PMW60	08 Aug 2024	PMW60	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PP01	12 Aug 2024	PP01	Normal	DU17	Former Fuel Refinery	140	140	-	14,000.0	1,800.0	<100	15,800.0	70	13,000.0	4,000.0	<100	17,000.0	-	-	-	0.04
WSP2025d_PP02	12 Aug 2024	PP02	Normal	DU17	Former Fuel Refinery	12,000.0	5,300.0	-	3,100.0	200	<100	3,300.0	12,000.0	4,500.0	300	<100	4,800.0	-	-	-	0.024
WSP2025d_PP03	06 Aug 2024	PP03	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PP04	06 Aug 2024	PP04	Normal	DU17	Former Fuel Refinery	30	30	-	<50	<100	<100	<100	40	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PP05	06 Aug 2024	PP05	Normal	DU17	Former Fuel Refinery	210	190	-	240	<100	<100	240	200	260	100	<100	360	-	-	-	0.004
WSP2025d_PP06	09 Aug 2024	PP06	Normal	DU17	Former Fuel Refinery	5,000.0	4,300.0	-	5,700.0	<100	<100	5,700.0	4,200.0	7,200.0	300	<100	7,500.0	-	-	-	0.004
WSP2025d_PP07	06 Aug 2024	PP07	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PP08	07 Aug 2024	PP08	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.011
WSP2025d_PP09	06 Aug 2024	PP09	Normal	DU17	Former Fuel Refinery	<20	<20	-	640	400	<100	1,040.0	<20	760	500	<100	1,260.0	-	-	-	0.007
WSP2025d_PP10	09 Aug 2024	PP10	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PP11	05 Aug 2024	PP11	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_PP12	05 Aug 2024	PP12	Normal	DU17	Former Fuel Refinery	<20	<20	-	110	600	300	1,010.0	<20	130	600	300	1,030.0	-	-	-	0.003
WSP2025d_PP13	05 Aug 2024	PP13	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU01	05 Aug 2024	PU01	Normal	DU17	Former Fuel Refinery	<200	<200	-	<50	<100	<100	<100	<200	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_PU02	05 Aug 2024	PU02	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.008
WSP2025d_PU03	05 Aug 2024	PU03	Normal	DU17	Former Fuel Refinery	440	420	-	3,300.0	1,700.0	700	5,700.0	350	3,200.0	2,100.0	300	5,600.0	-	-	-	0.002
WSP2025d_PU04	05 Aug 2024	PU04	Normal	DU17	Former Fuel Refinery	<20	<20	-	1,300.0	2,200.0	200	3,700.0	<20	800	2,200.0	400	3,400.0	-	-	-	0.009
WSP2025d_PU05	05 Aug 2024	PU05	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU06	05 Aug 2024	PU06	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU07	05 Aug 2024	PU07	Normal	DU17	Former Fuel Refinery	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.005
WSP2025d_PU08	05 Aug 2024	PU08	Normal	DU17	Former Fuel Refinery	1,500.0	1,500.0	-	13,000.0	2,300.0	400	15,700.0	990	14,000.0	2,700.0	400	17,100.0	-	-	-	0.002
WSP2025d_PU09	05 Aug 2024	PU09	Normal	DU17	Former Fuel Refinery	740	740	-	610	600	500	1,710.0	540	670	600	100	1,370.0	-	-	-	0.001
WSP2025d_PU10	12 Aug 2024	PU10	Normal	DU17	Former Fuel Refinery	<100	<100	-	690	<100	<100	690	<100	450	200	<100	650	-	-	-	<0.001
WSP2025d_PU100	13 Aug 2024	PU100	Normal	DU17	Former Fuel Refinery	130	130	-	400	300	<100	700	120	480	500	<100	980	-	-	-	0.003
WSP2025d_PU101	13 Aug 2024	PU101	Normal	DU17	Former Fuel Refinery	15,000.0	**9,200.0**	-	1,300.0	200	<100	1,500.0	11,000.0	2,700.0	200	<100	2,900.0	-	-	-	0.004
WSP2025d_PU102	13 Aug 2024	PU102	Normal	DU17	Former Fuel Refinery	120	120	-	700	<100	<100	700	110	600	200	<100	800	-	-	-	0.004
WSP2025d_PU103	13 Aug 2024	PU103	Normal	DU17	Former Fuel Refinery	480	480	-	410	200	<100	610	280	600	100	<100	700	-	-	-	0.008
WSP2025d_PU104	13 Aug 2024	PU104	Normal	DU17	Former Fuel Refinery	2,000.0	1,800.0	-	1,800.0	300	<100	2,100.0	960	3,100.0	400	<100	3,500.0	-	-	-	0.003
WSP2025d_PU105	13 Aug 2024	PU105	Normal	DU17	Former Fuel Refinery	50	50	-	<50	<100	<100	<100	60	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU108	13 Aug 2024	PU108	Normal	DU17	Former Fuel Refinery	40	40	-	710	500	<100	1,210.0	40	420	600	<100	1,020.0	-	-	-	0.003
WSP2025d_PU109	13 Aug 2024	PU109	Normal	DU17	Former Fuel Refinery	310	310	-	1,200.0	<100	<100	1,200.0	190	1,700.0	<100	<100	1,700.0	-	-	-	0.002
WSP2025d_PU11	12 Aug 2024	PU11	Normal	DU17	Former Fuel Refinery	40	40	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU110	13 Aug 2024	PU110	Normal	DU17	Former Fuel Refinery	70	70	-	<50	<100	<100	<100	60	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU111	13 Aug 2024	PU111	Normal	DU17	Former Fuel Refinery	90	80	-	6,600.0	3,800.0	400	10,800.0	50	6,500.0	4,800.0	500	11,800.0	-	-	-	0.008

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons									
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	110	<100	<100	110	170	90	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	280	300	100	680	40	100	400	100	600	-	-	-	0.007
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	1,400.0	600	300	2,300.0	40	1,400.0	500	300	2,200.0	-	-	-	0.001
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	<50	<100	<100	<100	850	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	300	<100	300	<20	<50	100	<100	100	-	-	-	0.004
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	2,100.0	400	<100	2,500.0	360	2,300.0	700	<100	3,000.0	-	-	-	<0.001
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	<50	<100	<100	<100	160	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	<50	<100	<100	<100	50	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	<50	<100	<100	<100	40	<50	<100	<100	<100	-	-	-	0.012
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	1,500.0	<100	<100	1,500.0	1,400.0	1,600.0	200	<100	1,800.0	-	-	-	0.014
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	2,100.0	<100	<100	2,100.0	3,300.0	2,700.0	100	<100	2,800.0	-	-	-	<0.001
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	1,000.0	500	<100	1,500.0	40	580	800	<100	1,380.0	-	-	-	0.002
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	5,100.0	900	200	6,200.0	860	6,900.0	1,000.0	200	8,100.0	-	-	-	0.023
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	630	500	<100	1,130.0	120	850	500	<100	1,350.0	-	-	-	0.003
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	710	300	100	1,110.0	<20	630	300	<100	930	-	-	-	0.011
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	1,200.0	1,500.0	<100	2,700.0	50	820	1,900.0	<100	2,720.0	-	-	-	0.002
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	1,800.0	700	<100	2,500.0	80	1,500.0	900	<100	2,400.0	-	-	-	0.003
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	1,100.0	300	<100	1,400.0	290	1,300.0	500	<100	1,800.0	-	-	-	<0.001
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	1,200.0	300	<100	1,500.0	40	850	500	<100	1,350.0	-	-	-	0.004
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	<50	<100	<100	<100	20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	340	<100	<100	340	50	270	<100	<100	270	-	-	-	0.001
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	680	200	<100	880	350	800	300	<100	1,100.0	-	-	-	0.027
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	<50	<100	<100	<100	90	<50	<100	<100	<100	-	-	-	0.005
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	2,600.0	<100	<100	2,600.0	1,100.0	3,100.0	100	<100	3,200.0	-	-	-	<0.001
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	550	100	<100	650	860	600	500	<100	1,100.0	-	-	-	<0.001
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	6,600.0	1,100.0	<100	7,700.0	6,900.0	9,400.0	1,200.0	<100	10,600.0	-	-	-	0.001
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	<50	<100	<100	<100	80	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	820	<100	<100	820	17,000.0	1,900.0	<100	<100	1,900.0	-	-	-	0.029
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	720	400	<100	1,120.0	<20	770	400	<100	1,170.0	-	-	-	0.002
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	1,500.0	1,500.0	100	<100	1,600.0	24,000.0	2,900.0	300	-	3,200.0	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	1,100.0	1,100.0	<100	<100	1,100.0	390	2,800.0	100	-	2,900.0	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	50	50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	<2,000.0	1,600.0	300	<100	1,900.0	28,000.0	4,100.0	400	-	4,600.0	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	220	220	<100	<100	220	<20	170	200	-	370	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	1,800.0	2,700.0	900	200	3,800.0	<400	2,500.0	1,200.0	-	3,900.0	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.002
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	12,860.0	13,000.0	1,900.0	400	15,300.0	<20	12,000.0	3,800.0	-	16,200.0	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	770	1,300.0	<100	<100	1,300.0	8,400.0	2,200.0	<100	-	2,200.0	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	280	280	200	<100	480	140	270	300	-	570	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	1,700.0	2,800.0	100	<100	2,900.0	2,500.0	3,700.0	300	-	4,000.0	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	250	250	<100	<100	250	20	200	<100	-	200	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	1,300.0	1,300.0	200	<100	1,500.0	220	1,300.0	600	-	1,900.0	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	100	100	200	<100	300	<20	<50	400	-	400	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	4,700.0	4,700.0	800	<100	5,500.0	420	5,300.0	1,300.0	-	6,600.0	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	1,100.0	1,100.0	<100	<100	1,100.0	590	1,300.0	<100	-	1,300.0	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	260	390	<100	<100	390	<20	460	<100	-	460	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	590	590	300	100	990	150	760	300	-	1,060.0	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	<2,000.0	1,300.0	200	<100	1,500.0	37,000.0	3,100.0	200	-	3,300.0	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	1,100.0	1,100.0	400	<100	1,500.0	100	980	600	-	1,580.0	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	390	390	200	<100	590	130	540	200	-	840	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	930	1,200.0	500	100	1,800.0	760	1,800.0	500	-	2,400.0	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	<50	<50	<100	<100	<100	40	<50	<100	-	<100	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	470	470	300	<100	770	60	360	500	-	860	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	820	820	<100	<100	820	200	900	<100	-	900	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	1,100.0	1,100.0	300	<100	1,400.0	170	1,300.0	400	-	1,700.0	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	810	810	100	<100	910	180	960	100	-	1,060.0	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	2,000.0	2,000.0	1,300.0	<100	3,300.0	<20	1,200.0	2,100.0	-	3,300.0	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	2,040.0	2,100.0	1,100.0	<100	3,200.0	30	1,800.0	1,500.0	-	3,400.0	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	140	140	<100	<100	140	<20	<50	200	-	200	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	<50	<50	<100	<100	<100	30	60	<100	-	<100	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	550	550	<100	<100	550	250	630	300	-	930	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	500	500	100	<100	600	40	410	300	-	710	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	130	130	<100	<100	130	40	120	<100	-	120	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	320	320	100	<100	420	<20	240	200	-	440	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	1,290.0	1,400.0	300	<100	1,700.0	270	1,600.0	700	-	2,300.0	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	420	430	300	<100	730	80	300	500	-	800	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	110	110	<100	<100	110	<20	70	100	-	170	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	690	690	600	<100	1,290.0	<20	810	800	-	1,610.0	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	320	320	200	<100	520	40	260	300	-	560	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	2,940.0	3,000.0	400	<100	3,400.0	650	3,700.0	700	-	4,400.0	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	1,360.0	2,000.0	<100	<100	2,000.0	2,700.0	3,100.0	<100	-	3,100.0	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	2,780.0	2,900.0	1,100.0	<100	4,000.0	<20	2,400.0	1,800.0	-	4,200.0	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	940	940	<100	<100	940	1,000.0	1,400.0	<100	-	1,400.0	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	290	290	<100	<100	290	80	380	<100	-	380	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	270	270	<100	<100	270	<20	230	<100	-	230	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	1,800.0	1,800.0	900	<100	2,700.0	<20	1,500.0	1,500.0	-	3,000.0	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	860	860	1,500.0	100	2,460.0	<20	660	1,600.0	-	2,460.0	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	820	1,100.0	<100	<100	1,100.0	<100	1,500.0	300	-	1,800.0	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	600	650	400	<100	1,050.0	<20	490	500	-	990	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	<50	<50	<100	<100	<100	80	<50	<100	-	<100	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	160	160	<100	<100	160	40	130	<100	-	130	-	-	-	-

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 #1 #1	0.1 #1 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3	NL | NL | NL #4													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			20		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	1,130.0	1,500.0	100	<100	1,600.0	9,100.0	2,800.0	200	-	3,000.0	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	350	350	100	<100	450	30	330	300	-	630	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	1,360.0	1,900.0	<100	<100	1,900.0	540	2,600.0	100	-	2,700.0	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	1,650.0	1,700.0	600	<100	2,300.0	200	1,700.0	1,200.0	-	2,900.0	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	2,150.0	3,120.0	<100	<100	3,120.0	4,400.0	3,280.0	240	-	3,520.0	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	1,700.0	2,700.0	<100	<100	2,700.0	5,000.0	4,000.0	<100	-	4,000.0	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	2,200.0	3,200.0	100	<100	3,300.0	5,300.0	4,700.0	200	-	4,900.0	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	530	530	600	<100	1,130.0	<20	430	900	-	1,330.0	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	100	100	<100	<100	100	60	450	<100	-	450	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	90	90	<100	<100	<100	<20	190	<100	-	190	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	160	170	100	<100	270	80	180	<100	-	240	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	<50	<50	<100	<100	<100	4,100.0	190	<100	-	190	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	430	530	<100	<100	530	2,300.0	1,400.0	<100	-	1,400.0	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	1,400.0	1,400.0	700	300	2,400.0	60	1,600.0	700	-	2,600.0	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.005
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	3,400.0	5,200.0	300	8,900.0	<20	1,700.0	6,500.0	600	8,800.0	-	-	-	0.012
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.006
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	1,100.0	500	200	1,800.0	<20	890	500	100	1,490.0	-	-	-	0.002
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	<50	<100	<100	<100	960	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.005
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	<50	<100	100	100	30	<50	100	100	200	-	-	-	0.004
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.005
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	210	210	<100	<100	210	<20	180	<100	-	180	-	-	-	0.006
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.002
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	190	190	<100	<100	190	<20	150	<100	-	150	-	-	-	<0.001
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<50	<50	100	<100	100	<20	<50	200	-	200	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	100	-	100	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<100	<100	470	<100	470	<20	<50	400	-	490	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.006
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	520	520	200	<100	720	<20	360	400	-	760	-	-	-	<0.001
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	2,300.0	2,300.0	1,500.0	<100	3,800.0	180	1,600.0	2,200.0	-	3,800.0	-	-	-	0.003
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.002
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	450	450	<100	<100	450	<20	420	200	-	620	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	180	180	<100	<100	180	<20	140	<100	-	140	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	340	340	<100	<100	340	3,200.0	330	100	-	430	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.002
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	290	290	100	<100	390	<20	150	400	-	550	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	570	570	100	<100	670	<20	390	400	-	790	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	270	270	680	<100	950	40	140	760	-	900	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	190	190	<100	<100	190	<20	110	<100	-	110	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	1,100.0	700	<100	1,800.0	130	930	900	<100	1,830.0	-	-	-	<0.001
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	270	270	200	<100	470	70	250	300	-	550	-	-	-	<0.001
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	<50	<100	<100	<100	80	<50	<100	<100	<100	-	-	-	0.01
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	2,600.0	<100	<100	2,600.0	98,000.0	5,400.0	300	<100	5,700.0	-	-	-	0.003
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	1,200.0	<100	<100	1,200.0	610	1,200.0	<100	<100	1,200.0	-	-	-	0.001
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	2,800.0	<100	<100	2,800.0	54,000.0	6,400.0	<100	<100	6,400.0	-	-	-	0.004
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.004
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	310	<100	<100	310	<20	260	<100	<100	260	-	-	-	0.006
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	2,300.0	<100	<100	2,300.0	25,000.0	2,900.0	200	<100	3,100.0	-	-	-	0.009
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	1,600.0	<100	<100	1,600.0	400	1,700.0	200	<100	1,900.0	-	-	-	0.004
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	70	<100	<100	<100	70	<50	<100	<100	<100	-	-	-	0.014
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	1,700.0	<100	<100	1,700.0	85,000.0	2,500.0	<100	<100	2,500.0	-	-	-	0.004
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	310	<100	<100	310	110	150	<100	<100	150	-	-	-	<0.001
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.001
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.01
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	2,000.0	2,000.0	<100	<100	2,000.0	160,000.0	6,600.0	<100	-	6,600.0	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.004
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	2,090.0	2,700.0	<100	<100	2,700.0	1,500.0	3,400.0	<100	-	3,400.0	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	4,000.0	4,000.0	400	<100	4,400.0	27,000.0	7,000.0	600	-	7,600.0	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.02
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.013
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<100	<100	<100	<100	<100	<20	<50	<100	-	<50	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	780	830	<100	<100	830	120	990	<100	-	990	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	1,910.0	2,900.0	<100	<100	2,900.0	28,000.0	5,600.0	<100	-	5,600.0	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	120	120	<100	<100	120	20	170	<100	-	170	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	6,410.0	7,000.0	<100	<100	7,000.0	2,500.0	9,000.0	500	-	9,500.0	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	<100	<100	<100	<100	<100	40	<50	<100	-	<50	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	<50	<50	<100	<100	<100	70	<50	<100	-	<100	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	630	630	<100	<100	630	200	960	<100	-	960	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	1,300.0	1,300.0	<100	<100	1,300.0	85,000.0	2,800.0	200	-	3,000.0	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	310	340	<100	<100	340	130	250	<100	-	250	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	460	600	<100	1,060.0	70	300	600	<100	900	-	-	-	0.007
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	4,700.0	1,600.0	100	6,400.0	40	4,000.0	2,600.0	200	6,800.0	-	-	-	0.005
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	100	<100	<100	100	-	-	-	0.015
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	1,700.0	400	<100	2,100.0	<20	1,200.0	800	<100	2,000.0	-	-	-	0.002
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	760	1,300.0	200	2,260.0	<20	340	1,700.0	<100	2,040.0	-	-	-	0.003
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	2,500.0	3,800.0	300	6,600.0	<20	940	5,300.0	300	6,540.0	-	-	-	0.002
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	1,200.0	700	<100	1,900.0	<20	780	1,200.0	<100	1,980.0	-	-	-	0.002
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.009
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	210	1,100.0	<100	1,310.0	<20	<50	1,200.0	200	1,400.0	-	-	-	0.002
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	240	900	100	1,240.0	<20	80	900	200	1,180.0	-	-	-	0.019
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	820	300	200	1,320.0	450	710	400	<100	1,110.0	-	-	-	0.011
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	400	<100	<100	400	13,000.0	480	<100	<100	480	-	-	-	0.003
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	1,700.0	200	<100	1,900.0	100	1,400.0	800	<100	2,200.0	-	-	-	0.01
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	1,800.0	3,400.0	2,000.0	7,200.0	<20	1,100.0	2,900.0	2,000.0	6,000.0	-	-	-	0.001
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	650	900	<100	1,550.0	720	390	300	<100	690	-	-	-	0.008
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	110	<100	<100	110	<20	90	<100	<100	<100	-	-	-	0.003
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	60	<100	<100	<100	<20	<50	100	<100	100	-	-	-	0.002
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.003
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	2,000.0	<100	<100	2,000.0	230	2,400.0	200	<100	2,600.0	-	-	-	0.013
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.02
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	1,000.0	1,100.0	800	<100	1,900.0	<20	810	1,100.0	-	1,910.0	-	<0.05	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	1,200.0	1,200.0	900	200	2,300.0	<20	910	1,100.0	-	2,210.0	-	<0.05	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	5,900.0	6,100.0	1,900.0	200	8,200.0	20	5,300.0	2,900.0	-	8,400.0	-	<0.05	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	3,440.0	3,500.0	1,100.0	200	4,800.0	<20	2,900.0	1,700.0	-	4,800.0	-	<0.05	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	970	970	300	<100	1,270.0	<20	730	600	-	1,330.0	-	<0.05	-	0.004
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	330	330	1,200.0	700	2,230.0	<20	190	900	-	1,690.0	-	-	-	<0.001
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.002
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	430	500	200	<100	700	50	440	300	-	740	-	-	-	<0.001
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	490	520	<100	<100	520	60	560	200	-	760	-	-	-	<0.001
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.024
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	<0.05	-	0.001
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	310	310	200	<100	510	<20	270	200	-	470	-	-	-	0.008
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	200	200	<100	<100	200	70	140	<100	-	140	-	-	-	0.005
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	1,100.0	1,100.0	300	<100	1,400.0	<20	670	800	-	1,470.0	-	<0.05	-	0.006
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	340	340	<100	<100	340	<20	270	<100	-	270	-	<0.05	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	1,690.0	1,700.0	400	<100	2,100.0	<20	1,400.0	900	-	2,300.0	-	<0.05	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	<0.05	-	0.002
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	640	640	500	<100	1,140.0	<20	550	700	-	1,250.0	-	<0.05	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	400	<100	400	<20	<50	400	-	400	-	<0.05	-	0.001
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	640	640	<100	<100	640	<20	510	200	-	710	-	<0.05	-	0.002
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	1,000.0	1,000.0	300	<100	1,300.0	<20	900	700	-	1,600.0	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	840	840	400	<100	1,240.0	<20	800	500	-	1,400.0	-	<0.05	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	720	720	300	<100	1,020.0	<20	630	400	-	1,030.0	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	<20	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	1,400.0	1,400.0	400	<100	1,800.0	<20	1,100.0	900	-	2,000.0	-	<0.05	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	2,360.0	2,600.0	1,200.0	<100	3,800.0	<100	2,000.0	1,900.0	-	3,900.0	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	700	850	200	<100	1,050.0	360	1,100.0	300	-	1,400.0	-	<0.05	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	<0.05	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	1,800.0	1,800.0	400	<100	2,200.0	8,600.0	3,500.0	600	-	4,100.0	-	0.06	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	4,250.0	4,400.0	2,100.0	<100	6,500.0	70	3,300.0	3,700.0	-	7,000.0	-	<0.05	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	140	140	<100	<100	140	20	80	<100	-	<100	-	-	-	<0.001
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	4,520.0	4,700.0	1,900.0	300	6,900.0	50	4,200.0	2,400.0	-	7,100.0	-	-	-	-

Table T03a - Groundwater Analytical Results

						Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL						10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]	NL | NL | NL [#4]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL	NL | NL | NL												
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*20*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	140	160	<100	<100	160	<20	100	<100	-	100	-	<0.05	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	<50	<50	<100	<100	<100	680	390	<100	-	390	-	0.09	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	80	80	<100	<100	<100	<20	<50	200	-	200	-	<0.05	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	2,400.0	2,400.0	500	<100	2,900.0	70	2,700.0	700	-	3,400.0	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	620	620	700	<100	1,320.0	<20	280	1,200.0	-	1,480.0	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.011
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	110	110	600	300	1,010.0	<20	130	600	300	1,030.0	-	-	-	0.003
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	1,300.0	1,300.0	2,200.0	200	3,700.0	<20	800	2,200.0	400	3,400.0	-	-	-	0.009
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	70	70	200	<100	270	<20	<50	300	<100	300	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	<0.001
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.002
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.005
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	13,000.0	13,000.0	2,300.0	400	15,700.0	990	14,000.0	2,700.0	400	17,100.0	-	-	-	0.002
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	690	690	<100	<100	690	960	1,100.0	<100	<100	1,100.0	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	570	610	600	500	1,710.0	540	670	600	100	1,370.0	-	-	-	0.001
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	370	370	200	<100	570	240	530	100	<100	630	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	400	400	300	<100	700	120	480	500	<100	980	-	-	-	0.003
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	390	390	<100	<100	390	120	510	<100	<100	510	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	1,160.0	1,300.0	200	<100	1,500.0	11,000.0	2,700.0	200	<100	2,900.0	-	-	-	0.004
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	1,600.0	1,600.0	200	<100	1,800.0	13,000.0	3,600.0	300	<100	3,900.0	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	1,490.0	1,620.0	190	<100	1,810.0	9,360.0	2,960.0	350	<50	3,310.0	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	680	680	100	<100	780	6,500.0	1,200.0	200	<100	1,400.0	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	410	410	200	<100	610	280	600	100	<100	700	-	-	-	0.008
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	1,530.0	1,800.0	300	<100	2,100.0	960	3,100.0	400	<100	3,500.0	-	-	-	0.003
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	460	460	<100	<100	460	230	770	<100	<100	770	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	470	470	<100	<100	470	300	770	<100	<100	770	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	<50	<50	<100	<100	<100	60	<50	<100	<100	<100	-	-	-	0.001
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	710	710	500	<100	1,210.0	40	420	600	<100	1,020.0	-	-	-	0.003
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	310	310	100	<100	410	20	190	400	<100	590	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	1,200.0	1,200.0	<100	<100	1,200.0	190	1,700.0	<100	<100	1,700.0	-	-	-	0.002
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	420	420	<100	<100	420	280	560	<100	<100	560	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	<50	<50	<100	<100	<100	60	<50	<100	<100	<100	-	-	-	<0.001
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	600	600	400	<100	1,000.0	<20	290	900	<100	1,190.0	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	6,550.0	6,600.0	3,800.0	400	10,800.0	50	6,500.0	4,800.0	500	11,800.0	-	-	-	0.008
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	2,960.0	3,000.0	2,100.0	<100	5,100.0	20	2,100.0	3,400.0	<100	5,500.0	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	2,050.0	2,100.0	1,200.0	<100	3,300.0	30	1,600.0	2,000.0	<100	3,600.0	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	280	280	300	100	680	40	100	400	100	600	-	-	-	0.007
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	340	340	<100	<100	340	<20	270	300	<100	570	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	1,400.0	1,400.0	600	300	2,300.0	40	1,400.0	500	300	2,200.0	-	-	-	0.001
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	<50	<50	<100	<100	<100	850	<50	<100	<100	<100	-	-	-	0.002
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	80	80	<100	<100	<100	<20	80	<100	<100	<100	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	300	<100	300	<20	<50	100	<100	100	-	-	-	0.004
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	-

Table T03a - Groundwater Analytical Results

					Total Recoverable Hydrocarbons							Total Petroleum Hydrocarbons								
					C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	>C10-C16 fraction	>C16-C34 fraction	>C34-C40 fraction	>C10-C40 fraction (sum)	C6-C9 fraction	C10-C14 fraction	C15-C28 fraction	C29-C36 fraction	C10-C36 fraction (sum)	Oil and Grease	Aluminium (filtered)	Arsenic	Arsenic (filtered)
					µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
EQL					10	10	50	50	100	100	50	10	50	100	50	50	5000	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																			0.1 #1 #1	0.1 #1 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand						6,000 | 6,000 | 7,000 #3	NL | NL | NL #4													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand						NL | NL | NL	NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																		20		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	5,080.0	5,100.0	900	200	6,200.0	860	6,900.0	1,000.0	200	8,100.0	-	-	-	0.023
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	610	610	<100	<100	610	2,000.0	840	<100	<100	840	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	610	630	500	<100	1,130.0	120	850	500	<100	1,350.0	-	-	-	0.003
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	150	150	<100	<100	150	70	280	<100	<100	280	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	710	710	300	100	1,110.0	<20	630	300	<100	930	-	-	-	0.011
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<50	<50	<100	<100	<100	<20	50	<100	<100	<100	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	720	720	400	<100	1,120.0	<20	770	400	<100	1,170.0	-	-	-	0.002
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	410	410	300	200	910	<200	630	300	200	1,130.0	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	<50	<100	<100	<100	<20	<50	<100	<100	<100	-	-	-	0.001
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	<50	<50	<100	<100	<100	<20	<50	<100	-	<100	-	-	-	0.001

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

																Metals					
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				140 [#6]		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	05 Aug 2024	PMW21	Normal	DU17	Administration Area		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025d_PMW22	05 Aug 2024	PMW22	Normal	DU17	Administration Area		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW65	05 Aug 2024	PMW65	Normal	DU17	Administration Area		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PMW66	05 Aug 2024	PMW66	Normal	DU17	Administration Area		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW21	04 Nov 2024	PMW21	Normal	DU17	Administration Area		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	04 Nov 2024	PMW22	Normal	DU17	Administration Area		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW65	04 Nov 2024	PMW65	Normal	DU17	Administration Area		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	04 Nov 2024	PMW66	Normal	DU17	Administration Area		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	25 Nov 2015	OMW01_01	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.002	-	-	0.001
WSP2016c_OMW01	12 Feb 2016	OMW01_02	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW01	09 May 2016	OMW01_03	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.004	-	-	0.002
WSP2016c_OMW02	25 Nov 2015	OMW02_01	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.002	-	-	<0.001
WSP2016c_OMW02	12 Feb 2016	OMW02_02	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW02	09 May 2016	OMW02_03	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.001	-	-	<0.001
WSP2016c_OMW03	25 Nov 2015	OMW03_01	Normal	DU15	DU02		<20	<20	-	-	-	0.0001	-	<0.001	-	-	-	-	0.002	-	-	<0.001
WSP2016c_OMW03	12 Feb 2016	OMW03_02	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW03	09 May 2016	OMW03_03	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW04	25 Nov 2015	OMW04_01	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	0.006	-	-	-	-	0.004	-	-	0.002
WSP2016c_OMW04	12 Feb 2016	OMW04_02	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	0.004	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW04	09 May 2016	OMW04_03	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	0.003	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW05	25 Nov 2015	OMW05_01	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	0.008	-	-	-	-	0.007	-	-	0.018
WSP2016c_OMW05	12 Feb 2016	OMW05_02	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW05	09 May 2016	OMW05_03	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW06	25 Nov 2015	OMW06_01	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW06	12 Feb 2016	OMW06_02	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2016c_OMW06	09 May 2016	OMW06_03	Normal	DU15	DU02		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	<0.001	-	-	<0.001
WSP2025c_FTA_MW01	20 Apr 2016	FTA-MW01	Normal	DU14	DU14		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.004	-	-	<0.001
WSP2025c_FTA_MW01	12 Aug 2019	FTA-MW01	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	13 Aug 2020	FTA-MW01	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	05 Feb 2021	FTA-MW01	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	20 Apr 2016	FTA-dup01201604	Field_D	DU14	DU14		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.004	-	-	<0.001
WSP2025c_FTA_MW02	20 Apr 2016	FTA-MW02	Normal	DU14	DU14		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.003	-	-	<0.001
WSP2025c_FTA_MW02	12 Aug 2019	FTA-MW02	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	13 Aug 2020	FTA-MW02	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	05 Feb 2021	FTA-MW02	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	06 Aug 2021	FTA-MW02	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	20 Apr 2016	FTA-MW03	Normal	DU14	DU14		<20	<20	-	-	-	0.0001	-	0.005	-	-	-	-	0.003	-	-	<0.001
WSP2025c_FTA_MW03	12 Aug 2019	FTA-MW03	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	13 Aug 2020	FTA-MW03	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	05 Feb 2021	FTA-MW03	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	06 Aug 2021	FTA-MW03	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	20 Apr 2016	FTA-MW04	Normal	DU14	DU14		<20	<20	-	-	-	<0.0001	-	<0.001	-	-	-	-	0.002	-	-	<0.001
WSP2025c_FTA_MW04	12 Aug 2019	FTA-MW04	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	13 Aug 2020	FTA-MW04	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	05 Feb 2021	FTA-MW04	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	02 Nov 2023	FTA-MW06	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	11 May 2016	PP17	Normal	DU14	DU14		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	10 Nov 2016	PP17	Normal	DU14	DU14		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	09 May 2017	PP17	Normal	DU14	DU14		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	07 Nov 2017	PP17	Normal	DU14	DU14		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	04 May 2018	PP17	Normal	DU14	DU14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	06 Aug 2018	PP17	Normal	DU14	DU14		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	07 Nov 2018	PP17	Normal	DU14	DU14		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	08 Feb 2019	PP17	Normal	DU14	DU14		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Metals													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL						10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*140 [#6]*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	<0.0002	-	0.004	0.011	-	-	-	0.004	-	-	<0.001
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	<0.001	<0.05	-	0.0002	-	0.001	<0.0005	-	<0.001	-	0.001	-	-	<0.001
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	<0.0002	-	0.003	0.015	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	<0.0002	-	<0.001	0.0065	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	<0.0002	-	<0.001	0.0009	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	<0.0002	-	<0.001	0.0021	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	<0.0002	-	<0.001	0.0021	-	-	-	0.002	-	-	<0.001
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0025	-	-	-	0.002	-	-	<0.001
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	<0.0002	-	<0.001	0.0022	-	-	-	0.002	-	-	<0.001
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	<0.0002	-	<0.001	0.0008	-	-	-	0.002	-	-	<0.001
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	<0.0002	-	<0.001	0.0020	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	<0.0002	-	<0.001	0.0013	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0013	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.007	-	-	<0.001
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	<0.0002	-	<0.001	0.0017	-	-	-	0.003	-	-	<0.001
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	<0.0002	-	<0.001	0.0006	-	-	-	0.003	-	-	<0.001
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	<0.0002	-	<0.001	0.0029	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	<0.0002	-	<0.001	0.0011	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	<0.0002	-	<0.001	0.0027	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	<0.0002	-	<0.001	0.0077	-	-	-	<0.001	-	-	<0.001
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	<0.0002	-	<0.001	0.0008	-	-	-	0.002	-	-	<0.001
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	<0.0002	-	<0.001	0.0015	-	-	-	0.003	-	-	<0.001
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	<0.0002	-	<0.001	0.0015	-	-	-	0.002	-	-	<0.001
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	<0.0002	-	<0.001	0.0010	-	-	-	<0.001	-	-	<0.001
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	<0.0002	-	<0.001	0.0016	-	-	-	0.003	-	-	<0.001
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	<0.0002	-	<0.001	0.017	-	-	-	<0.001	-	-	<0.001
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	<0.0002	-	<0.001	0.0043	-	-	-	0.003	-	-	<0.001
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	<0.0002	-	<0.001	0.0060	-	-	-	0.005	-	-	<0.001
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	<0.0002	-	<0.001	0.0094	-	-	-	0.003	-	-	<0.001
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0015	-	-	-	0.005	-	-	<0.001
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0038	-	-	-	0.003	-	-	<0.001
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	<0.0002	-	0.003	0.0007	-	-	-	<0.001	-	-	<0.001
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

| | | |

Table T03a - Groundwater Analytical Results

															Metals						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL						10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			140 [#6]		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0034	-	-	-	<0.001	-	-	<0.001
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0015	-	-	-	0.004	-	-	<0.001
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0038	-	-	-	0.003	-	-	<0.001
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.004	-	-	<0.001
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0015	-	-	-	0.006	-	-	<0.001
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	0.002	0.0042	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0074	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	0.002	0.0024	-	-	-	0.001	-	-	<0.001
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0016	-	-	-	0.002	-	-	<0.001
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	0.004	0.0044	-	-	-	0.005	-	-	<0.001
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	0.001	0.0017	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0052	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0011	-	-	-	<0.001	-	-	<0.001
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0012	-	-	-	<0.001	-	-	<0.001
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	<0.0002	-	0.002	0.0036	-	-	-	<0.001	-	-	<0.001

Table T03a - Groundwater Analytical Results

																Metals				
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*140 [#6]*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PMW30	11 Nov 2024	PMW30	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	11 Nov 2024	PMW38	Normal	DU17	Former CLOR		<20	<20	-	-	-	<0.0002	-	0.002	0.0015	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW41	11 Nov 2024	PMW41	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	11 Nov 2024	PMW42	Normal	DU17	Former CLOR		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.002	-	-	<0.001
WSP2025i_PMW49	11 Nov 2024	PMW49	Normal	DU17	Former CLOR		<20	<20	-	-	-	<0.0002	-	0.002	0.042	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW50	11 Nov 2024	PMW50	Normal	DU17	Former CLOR		<20	<20	-	-	-	<0.0002	-	0.001	0.0034	-	-	-	0.006	-	-	<0.001
WSP2025i_PMW50	11 Nov 2024	PMW50	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	11 Nov 2024	PMW50	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	11 Nov 2024	PMW51	Normal	DU17	Former CLOR		<20	<20	-	-	-	<0.0002	-	<0.001	0.026	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW53	11 Nov 2024	PMW53	Normal	DU17	Former CLOR		<20	<20	-	-	-	<0.0002	-	<0.001	0.0038	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW57	11 Nov 2024	PMW57	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	05 Aug 2024	PP17	Normal	DU17	Former Fire Training Area		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_AMW07	13 Aug 2024	AMW07	Normal	DU17	Former Fuel Refinery		38,000.0	**22,000.0**	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	0.004	-	-	<0.001
WSP2025d_AMW08	13 Aug 2024	AMW08	Normal	DU17	Former Fuel Refinery		8,300.0	5,600.0	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	0.004	-	-	0.003
WSP2025d_AMW09	13 Aug 2024	AMW09	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	0.002	-	-	<0.001
WSP2025d_AMW10	13 Aug 2024	AMW10	Normal	DU17	Former Fuel Refinery		33,000.0	**19,000.0**	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW13	05 Aug 2024	PMW13	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW15	05 Aug 2024	PMW15	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025d_PMW20	05 Aug 2024	PMW20	Normal	DU17	Former Fuel Refinery		620	620	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW60	08 Aug 2024	PMW60	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.01	-	-	<0.001
WSP2025d_PP01	12 Aug 2024	PP01	Normal	DU17	Former Fuel Refinery		140	140	-	-	-	<0.0002	-	0.002	0.024	-	-	-	0.004	-	-	<0.001
WSP2025d_PP02	12 Aug 2024	PP02	Normal	DU17	Former Fuel Refinery		12,000.0	5,300.0	-	-	-	<0.0002	-	0.002	0.0045	-	-	-	0.004	-	-	<0.001
WSP2025d_PP03	06 Aug 2024	PP03	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	0.0006	-	-	-	0.007	-	-	<0.001
WSP2025d_PP04	06 Aug 2024	PP04	Normal	DU17	Former Fuel Refinery		30	30	-	-	-	<0.0002	-	<0.001	0.0016	-	-	-	0.007	-	-	<0.001
WSP2025d_PP05	06 Aug 2024	PP05	Normal	DU17	Former Fuel Refinery		210	190	-	-	-	<0.0002	-	0.003	0.02	-	-	-	0.006	-	-	<0.001
WSP2025d_PP06	09 Aug 2024	PP06	Normal	DU17	Former Fuel Refinery		5,000.0	4,300.0	-	-	-	<0.0002	-	<0.001	0.022	-	-	-	<0.001	-	-	<0.001
WSP2025d_PP07	06 Aug 2024	PP07	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.006	-	-	<0.001
WSP2025d_PP08	07 Aug 2024	PP08	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	0.001	0.0093	-	-	-	0.002	-	-	<0.001
WSP2025d_PP09	06 Aug 2024	PP09	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	0.0010	-	-	-	0.003	-	-	<0.001
WSP2025d_PP10	09 Aug 2024	PP10	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.002	-	-	<0.001
WSP2025d_PP11	05 Aug 2024	PP11	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.007	-	-	<0.001
WSP2025d_PP12	05 Aug 2024	PP12	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	0.007	0.0035	-	-	-	0.004	-	-	<0.001
WSP2025d_PP13	05 Aug 2024	PP13	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.007	-	-	<0.001
WSP2025d_PU01	05 Aug 2024	PU01	Normal	DU17	Former Fuel Refinery		<200	<200	-	-	-	<0.0002	-	0.036	0.012	-	-	-	0.003	-	-	<0.001
WSP2025d_PU02	05 Aug 2024	PU02	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	0.003	0.0036	-	-	-	0.007	-	-	<0.001
WSP2025d_PU03	05 Aug 2024	PU03	Normal	DU17	Former Fuel Refinery		440	420	-	-	-	<0.0002	-	0.003	0.0033	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU04	05 Aug 2024	PU04	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	0.001	0.0023	-	-	-	0.007	-	-	<0.001
WSP2025d_PU05	05 Aug 2024	PU05	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU06	05 Aug 2024	PU06	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU07	05 Aug 2024	PU07	Normal	DU17	Former Fuel Refinery		<20	<20	-	-	-	<0.0002	-	0.001	0.0043	-	-	-	0.003	-	-	<0.001
WSP2025d_PU08	05 Aug 2024	PU08	Normal	DU17	Former Fuel Refinery		1,500.0	1,500.0	-	-	-	<0.0002	-	0.001	0.0075	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU09	05 Aug 2024	PU09	Normal	DU17	Former Fuel Refinery		740	740	-	-	-	<0.0002	-	0.001	0.0010	-	-	-	0.002	-	-	<0.001
WSP2025d_PU10	12 Aug 2024	PU10	Normal	DU17	Former Fuel Refinery		<100	<100	-	-	-	<0.0002	-	<0.001	0.0037	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU100	13 Aug 2024	PU100	Normal	DU17	Former Fuel Refinery		130	130	-	-	-	<0.0002	-	0.002	0.0042	-	-	-	0.007	-	-	<0.001
WSP2025d_PU101	13 Aug 2024	PU101	Normal	DU17	Former Fuel Refinery		15,000.0	**9,200.0**	-	-	-	<0.0002	-	0.002	0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU102	13 Aug 2024	PU102	Normal	DU17	Former Fuel Refinery		120	120	-	-	-	<0.0002	-	0.018	0.019	-	-	-	0.004	-	-	<0.001
WSP2025d_PU103	13 Aug 2024	PU103	Normal	DU17	Former Fuel Refinery		480	480	-	-	-	<0.0002	-	0.006	0.0074	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU104	13 Aug 2024	PU104	Normal	DU17	Former Fuel Refinery		2,000.0	1,800.0	-	-	-	<0.0002	-	0.003	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU105	13 Aug 2024	PU105	Normal	DU17	Former Fuel Refinery		50	50	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU108	13 Aug 2024	PU108	Normal	DU17	Former Fuel Refinery		40	40	-	-	-	<0.0002	-	0.002	0.0014	-	-	-	0.003	-	-	<0.001
WSP2025d_PU109	13 Aug 2024	PU109	Normal	DU17	Former Fuel Refinery		310	310	-	-	-	<0.0002	-	0.002	<0.0005	-	-	-	0.002	-	-	<0.001
WSP2025d_PU11	12 Aug 2024	PU11	Normal	DU17	Former Fuel Refinery		40	40	-	-	-	<0.0002	-	<0.001	0.012	-	-	-	0.005	-	-	<0.001
WSP2025d_PU110	13 Aug 2024	PU110	Normal	DU17	Former Fuel Refinery		70	70	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	0.003	-	-	<0.001
WSP2025d_PU111	13 Aug 2024	PU111	Normal	DU17	Former Fuel Refinery		90	80	-	-	-	<0.0002	-	<0.001	0.0059	-	-	-	<0.001	-	-	<0.001

Table T03a - Groundwater Analytical Results

													Metals							
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*140 [#6]*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0007	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		180	150	-	-	-	<0.0002	-	0.001	0.0016	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	<0.0002	-	0.003	0.0051	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	<0.0002	-	0.001	0.0014	-	-	-	0.002	-	-	<0.001
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	780	-	-	-	<0.0002	-	0.002	0.0069	-	-	-	0.005	-	-	<0.001
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0007	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	0.001	0.0008	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		480	460	-	-	-	<0.0002	-	<0.001	0.0022	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	<0.0002	-	0.001	0.017	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	<0.0002	-	0.002	0.0025	-	-	-	0.005	-	-	<0.001
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	<0.0002	-	0.002	0.0055	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	0.001	0.0011	-	-	-	0.003	-	-	<0.001
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		1,900.0	1,200.0	-	-	-	<0.0002	-	0.003	0.0077	-	-	-	0.004	-	-	<0.001
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,900.0	2,700.0	-	-	-	<0.0002	-	<0.001	0.0070	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	<0.0002	-	<0.001	0.0007	-	-	-	0.003	-	-	<0.001
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	1,200.0	-	-	-	<0.0002	-	0.002	0.0098	-	-	-	0.004	-	-	<0.001
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		250	250	-	-	-	<0.0002	-	0.004	0.0060	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	0.002	0.0029	-	-	-	0.012	-	-	<0.001
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	<0.0002	-	0.002	0.0033	-	-	-	0.006	-	-	<0.001
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	<0.0002	-	0.003	0.01	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		340	320	-	-	-	<0.0002	-	<0.001	0.0017	-	-	-	0.006	-	-	<0.001
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	<0.0002	-	0.004	0.016	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	<0.0002	-	0.008	0.019	-	-	-	0.007	-	-	<0.001
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		120	110	-	-	-	<0.0002	-	0.005	0.054	-	-	-	0.003	-	-	<0.001
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	0.001	0.0015	-	-	-	0.008	-	-	<0.001
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		470	320	-	-	-	<0.0002	-	0.015	0.0074	-	-	-	0.017	-	-	<0.001
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	<0.0002	-	0.002	0.0086	-	-	-	0.002	-	-	<0.001
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,500.0	-	-	-	<0.0002	-	<0.001	0.0010	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	900	-	-	-	<0.0002	-	0.003	0.0017	-	-	-	0.005	-	-	<0.001
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		8,800.0	**6,500.0**	-	-	-	<0.0002	-	<0.001	0.0073	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0009	-	-	-	0.006	-	-	<0.001
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	<0.0002	-	0.001	0.0018	-	-	-	0.004	-	-	<0.001
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		21,000.0	**11,000.0**	-	-	-	<0.0002	-	<0.001	0.01	-	-	-	0.003	-	-	<0.001
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	0.002	<0.0005	-	-	-	0.003	-	-	<0.001
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.022	-	-	<0.001
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																Metals							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL						10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			140 [#6]		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	04 Nov 2024	PP11	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	04 Nov 2024	PP12	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	04 Nov 2024	PP13	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	04 Nov 2024	PU01	Normal	DU17	Former Fuel Refinery	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	04 Nov 2024	PU02	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	04 Nov 2024	PU03	Normal	DU17	Former Fuel Refinery	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	04 Nov 2024	PU04	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	04 Nov 2024	PU05	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	04 Nov 2024	PU06	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	04 Nov 2024	PU07	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	04 Nov 2024	PU08	Normal	DU17	Former Fuel Refinery	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	04 Nov 2024	PU09	Normal	DU17	Former Fuel Refinery	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	11 Nov 2024	PU10	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	05 Nov 2024	PU100	Normal	DU17	Former Fuel Refinery	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	05 Nov 2024	PU101	Normal	DU17	Former Fuel Refinery	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	05 Nov 2024	PU102	Normal	DU17	Former Fuel Refinery	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	05 Nov 2024	PU103	Normal	DU17	Former Fuel Refinery	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	05 Nov 2024	PU104	Normal	DU17	Former Fuel Refinery	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	05 Nov 2024	PU105	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	05 Nov 2024	PU108	Normal	DU17	Former Fuel Refinery	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	05 Nov 2024	PU109	Normal	DU17	Former Fuel Refinery	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	05 Nov 2024	PU109	Normal	DU17	Former Fuel Refinery	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	05 Nov 2024	PU109	Normal	DU17	Former Fuel Refinery	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	11 Nov 2024	PU11	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	05 Nov 2024	PU110	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	05 Nov 2024	PU111	Normal	DU17	Former Fuel Refinery	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	11 Nov 2024	PU12	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	11 Nov 2024	PU13	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	11 Nov 2024	PU14	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	11 Nov 2024	PU15	Normal	DU17	Former Fuel Refinery	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	08 Nov 2024	PU16	Normal	DU17	Former Fuel Refinery	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	06 Nov 2024	PU17	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	06 Nov 2024	PU18	Normal	DU17	Former Fuel Refinery	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	06 Nov 2024	PU19	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	06 Nov 2024	PU20	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	08 Nov 2024	PU21	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	08 Nov 2024	PU22	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	08 Nov 2024	PU23	Normal	DU17	Former Fuel Refinery	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	08 Nov 2024	PU24	Normal	DU17	Former Fuel Refinery	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	08 Nov 2024	PU25	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	08 Nov 2024	PU26	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	08 Nov 2024	PU27	Normal	DU17	Former Fuel Refinery	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	08 Nov 2024	PU28	Normal	DU17	Former Fuel Refinery	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	08 Nov 2024	PU29	Normal	DU17	Former Fuel Refinery	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	11 Nov 2024	PU30	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	04 Nov 2024	PU59	Normal	DU17	Former Fuel Refinery	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	04 Nov 2024	PU60	Normal	DU17	Former Fuel Refinery	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	04 Nov 2024	PU61	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	08 Nov 2024	PU62	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	08 Nov 2024	PU63	Normal	DU17	Former Fuel Refinery	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	08 Nov 2024	PU64	Normal	DU17	Former Fuel Refinery	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	08 Nov 2024	PU78	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	08 Nov 2024	PU79	Normal	DU17	Former Fuel Refinery	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	08 Nov 2024	PU80	Normal	DU17	Former Fuel Refinery	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																Metals							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL						10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			140 [#6]		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.004	-	-	<0.001
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.003	-	-	<0.001
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.004	-	-	<0.001
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.003	-	-	<0.001
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.004	-	-	<0.001
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	0.006	-	-	0.001
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.003	-	-	<0.001
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.006	-	-	<0.001
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0007	-	-	-	0.005	-	-	<0.001
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.001	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.001	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	<0.0002	-	<0.001	0.0009	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0011	-	-	-	0.001	-	-	<0.001
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.001	-	-	-	<0.001	-	-	<0.001
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	<0.0002	-	0.001	0.0006	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	<0.0002	-	0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	<0.0002	-	<0.001	0.0067	-	-	-	0.002	-	-	<0.001

Table T03a - Groundwater Analytical Results

													Metals							
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				140 [#6]		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		100	100	-	-	-	<0.0002	-	<0.001	0.0067	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		110,000.0	**50,000.0**	-	-	-	<0.0002	-	<0.001	0.0015	-	-	-	<0.001	-	-	0.002
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0027	-	-	-	0.002	-	-	<0.001
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0062	-	-	-	0.003	-	-	<0.001
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		660	520	-	-	-	<0.0002	-	<0.001	0.0073	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		61,000.0	**27,000.0**	-	-	-	<0.0002	-	<0.001	0.0036	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0022	-	-	-	0.003	-	-	<0.001
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	0.004	0.0017	-	-	-	0.005	-	-	<0.001
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0062	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0013	-	-	-	0.003	-	-	<0.001
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		29,000.0	**15,000.0**	-	-	-	<0.0002	-	0.002	0.0011	-	-	-	<0.001	-	-	0.002
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		510	390	-	-	-	<0.0002	-	0.003	0.0015	-	-	-	0.002	-	-	<0.001
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0008	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		280	280	-	-	-	0.0028	-	0.015	0.0013	-	-	-	0.015	-	-	0.016
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		91,000.0	**40,000.0**	-	-	-	<0.0002	-	<0.001	0.0088	-	-	-	<0.001	-	-	0.001
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		170	170	-	-	-	<0.0002	-	0.002	0.0006	-	-	-	0.004	-	-	<0.001
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0038	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0009	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	0.006	0.0008	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	<0.0002	-	0.002	<0.0005	-	-	-	0.008	-	-	<0.001
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	<0.0002	-	0.004	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	0.002	0.0006	-	-	-	0.006	-	-	<0.001
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	<0.0002	-	0.002	<0.0005	-	-	-	0.003	-	-	<0.001
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0025	-	-	-	0.004	-	-	<0.001
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0033	-	-	-	0.001	-	-	<0.001
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0015	-	-	-	0.005	-	-	<0.001
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0011	-	-	-	0.002	-	-	<0.001
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0006	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	0.0023	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001

Table T03a - Groundwater Analytical Results

															Metals							
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*140 [#6]*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW76	07 Aug 2024	PMW76	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW77	09 Aug 2024	PMW77	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	0.001	0.0008	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW78	09 Aug 2024	PMW78	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0006	-	-	-	0.001	-	-	<0.001
WSP2025d_PMW79	09 Aug 2024	PMW79	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0009	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW85	07 Aug 2024	PMW85	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0019	-	-	-	0.003	-	-	<0.001
WSP2025d_PMW86	07 Aug 2024	PMW86	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	0.003	0.012	-	-	-	0.006	-	-	<0.001
WSP2025d_PMW87	07 Aug 2024	PMW87	Normal	DU17	North Western Tank Farm		630	610	-	-	-	<0.0002	-	0.004	0.0059	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW88	07 Aug 2024	PMW88	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PMW89	09 Aug 2024	PMW89	Normal	DU17	North Western Tank Farm		16,000.0	**8,000.0**	-	-	-	<0.0002	-	0.001	0.0078	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW90	09 Aug 2024	PMW90	Normal	DU17	North Western Tank Farm		210	200	-	-	-	<0.0002	-	<0.001	0.0048	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW94	07 Aug 2024	PMW94	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0018	-	-	-	<0.001	-	-	<0.001
WSP2025d_PMW95	07 Aug 2024	PMW95	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0006	-	-	-	0.002	-	-	<0.001
WSP2025d_PU52	07 Aug 2024	PU52	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0014	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU53	07 Aug 2024	PU53	Normal	DU17	North Western Tank Farm		1,000.0	780	-	-	-	<0.0002	-	0.001	0.0019	-	-	-	0.004	-	-	<0.001
WSP2025d_PU54	07 Aug 2024	PU54	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0010	-	-	-	0.001	-	-	<0.001
WSP2025d_PU55	07 Aug 2024	PU55	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0008	-	-	-	<0.001	-	-	<0.001
WSP2025d_PU65	12 Aug 2024	PU65	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU88	12 Aug 2024	PU88	Normal	DU17	North Western Tank Farm		400	300	-	-	-	<0.0002	-	0.001	0.013	-	-	-	0.003	-	-	<0.001
WSP2025d_PU92	12 Aug 2024	PU92	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.005	-	-	<0.001
WSP2025d_PU93	12 Aug 2024	PU93	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0029	-	-	-	0.003	-	-	<0.001
WSP2025i_AMW01	05 Nov 2024	AMW01	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-
WSP2025i_AMW02	05 Nov 2024	AMW02	Normal	DU17	North Western Tank Farm		60	60	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-
WSP2025i_AMW04	05 Nov 2024	AMW04	Normal	DU17	North Western Tank Farm		80	70	-	-	-	-	-	-	-	-	-	-	-	10	-	-
WSP2025i_AMW05	05 Nov 2024	AMW05	Normal	DU17	North Western Tank Farm		110	110	-	-	-	-	-	-	-	-	-	-	-	8.3	-	-
WSP2025i_AMW06	08 Nov 2024	AMW06	Normal	DU17	North Western Tank Farm		30	30	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025i_PMW100	05 Nov 2024	PMW100	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	0.002	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW101	05 Nov 2024	PMW101	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW102	06 Nov 2024	PMW102	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW103	05 Nov 2024	PMW103	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	0.0004	-	0.011	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025i_PMW104	05 Nov 2024	PMW104	Normal	DU17	North Western Tank Farm		80	80	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW105	05 Nov 2024	PMW105	Normal	DU17	North Western Tank Farm		130	130	-	-	-	<0.0002	-	<0.001	0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW106	05 Nov 2024	PMW106	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW16	06 Nov 2024	PMW16	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW31	07 Nov 2024	PMW31	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW32	07 Nov 2024	PMW32	Normal	DU17	North Western Tank Farm		80	80	-	-	-	<0.0002	-	0.001	0.0021	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW37	06 Nov 2024	PMW37	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW45	06 Nov 2024	PMW45	Normal	DU17	North Western Tank Farm		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	06 Nov 2024	PMW46	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	06 Nov 2024	PMW47	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	0.0006	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW68	08 Nov 2024	PMW68	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	08 Nov 2024	PMW69	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025i_PMW70	08 Nov 2024	PMW70	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	0.001	-	-	<0.001
WSP2025i_PMW77	08 Nov 2024	PMW77	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	08 Nov 2024	PMW79	Normal	DU17	North Western Tank Farm		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	06 Nov 2024	PMW86	Normal	DU17	North Western Tank Farm		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	06 Nov 2024	PMW87	Normal	DU17	North Western Tank Farm		500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	06 Nov 2024	PMW88	Normal	DU17	North Western Tank Farm		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	08 Nov 2024	PMW89	Normal	DU17	North Western Tank Farm		12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	08 Nov 2024	PMW90	Normal	DU17	North Western Tank Farm		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	05 Nov 2024	PMW91	Normal	DU17	North Western Tank Farm		40	40	-	-	-	<0.0002	-	<0.001	<0.0005	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW96	08 Nov 2024	PMW96	Normal	DU17	North Western Tank Farm		270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																Metals							
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									0.6 [#1]	40 [#1]	0.02 [#1 #1]	0.02 [#1 #1]			0.5 [#1 #1]	0.5 [#1 #1]		20 [#1 #1]	20 [#1 #1]		0.1 [#1 #1]	0.1 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				140 [#6]		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	<0.001	-	<0.0005	-	-	0.006	-	-	<0.001
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	0.001	-	0.0093	-	-	0.002	-	-	<0.001
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	0.007	-	0.0035	-	-	0.004	-	-	<0.001
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	0.001	-	0.0023	-	-	0.007	-	-	<0.001
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	<0.001	-	<0.0005	-	-	0.005	-	-	<0.001
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	<0.001	-	<0.0005	-	-	0.005	-	-	<0.001
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	0.001	-	0.0043	-	-	0.003	-	-	<0.001
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,500.0	1,500.0	-	-	-	<0.0002	-	0.001	-	0.0075	-	-	<0.001	-	-	<0.001
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		740	740	-	-	-	<0.0002	-	0.001	-	0.0010	-	-	0.002	-	-	<0.001
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		130	130	-	-	-	<0.0002	-	0.002	-	0.0042	-	-	0.007	-	-	<0.001
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		15,000.0	**9,200.0**	-	-	-	<0.0002	-	0.002	-	0.0005	-	-	<0.001	-	-	<0.001
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		480	480	-	-	-	<0.0002	-	0.006	-	0.0074	-	-	<0.001	-	-	<0.001
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,000.0	1,800.0	-	-	-	<0.0002	-	0.003	-	<0.0005	-	-	<0.001	-	-	<0.001
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	<0.0002	-	<0.001	-	<0.0005	-	-	<0.001	-	-	<0.001
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	40	-	-	-	<0.0002	-	0.002	-	0.0014	-	-	0.003	-	-	<0.001
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		310	310	-	-	-	<0.0002	-	0.002	-	<0.0005	-	-	0.002	-	-	<0.001
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	<0.0002	-	0.001	-	<0.0005	-	-	0.003	-	-	<0.001
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	80	-	-	-	<0.0002	-	<0.001	-	0.0059	-	-	<0.001	-	-	<0.001
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	<0.0002	-	0.003	-	0.0051	-	-	<0.001	-	-	<0.001
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	<0.0002	-	0.001	-	0.0014	-	-	0.002	-	-	<0.001
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	780	-	-	-	<0.0002	-	0.002	-	0.0069	-	-	0.005	-	-	<0.001
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	<0.0002	-	<0.001	-	0.0007	-	-	<0.001	-	-	<0.001
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

											Metals							
			C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Beryllium (filtered)	Boron (filtered)	Cadmium	Cadmium (filtered)	Chromium	Chromium (filtered)	Chromium (hexavalent)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Copper	Copper (filtered)	Iron (filtered)	Lead	Lead (filtered)
			µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL			10	10	0.001	0.05	0.0001	0.0001	0.001	0.001	0.0005	0.0005	0.001	0.001	0.001	0.05	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters					0.6 #1	40 #1	0.02 #1 #1	0.02 #1 #1			0.5 #1 #1	0.5 #1 #1		20 #1 #1	20 #1 #1		0.1 #1 #1	0.1 #1 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand				6,000 | 6,000 | 7,000 #3													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand				NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																*140 #6*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	<0.0002	-	0.002	-	0.0098	-	-	0.004	-	-	<0.001
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	<0.0002	-	0.004	-	0.006	-	-	<0.001	-	-	<0.001
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	<0.0002	-	0.002	-	0.0029	-	-	0.012	-	-	<0.001
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	<0.0002	-	0.002	-	<0.0005	-	-	0.003	-	-	<0.001
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	<0.0002	-	0.003	0.0034	-	-	-	<0.001	-	-	<0.001
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	<0.0002	-	0.002	0.013	-	-	-	<0.001	-	-	<0.001

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

											C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)
											µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL											10	10	0.005	0.00005	0.00005	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand												6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand												NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)																	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**												
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**						<20	<20	-	-	<0.0001	-	0.004
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**						<20	<20	-	-	<0.0001	-	<0.001
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**						<20	<20	-	-	<0.0001	-	<0.001
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**						<20	<20	-	-	<0.0001	-	<0.001
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**						40	40	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**						<20	<20	-	-	<0.0001	-	<0.001
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**						<20	<20	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**						<20	<20	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.002
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.003
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.002
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.001
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.068
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.004
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.002
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.002
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	0.002
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**						<20	<20	-	-	<0.0001	-	<0.001
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	<0.0001	-	0.004
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**						<20	<20	-	-	<0.0001	-	0.001
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	<0.0001	-	<0.001
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	<0.0001	-	0.018
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	<0.0001	-	<0.001
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**						20	<20	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**						<20	<20	-	-	-	-	-

											Nickel	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
											mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL											0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters											0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand															5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL	NL | NL | NL		NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand															NL | NL | NL	NL | NL | NL	NL | NL | NL	NL | NL | NL		NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*60 [#6]*	*60 [#6]*					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**						-	-	-	0.013	<1	<1	<1	<2	<1	<3
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**						-	-	-	0.009	<1	<1	<1	<2	<1	<3
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**						-	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**						-	-	-	0.008	<1	<1	<1	<2	<1	<3
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**						-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**						-	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**						-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**						-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**						-	-	-	0.016	<1	<2	<2	<2	<2	<2
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**						-	-	-	0.008	<1	<2	<2	<2	<2	<2
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**						-	-	-	0.028	<1	<2	<2	<2	<2	<2
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**						-	-	-	0.007	<1	<2	<2	<2	<2	<2
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**						-	-	-	0.008	<1	<2	<2	<2	<2	<2
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**						-	-	-	0.03	<1	<2	<2	<2	<2	<2
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**						-	-	-	0.008	<1	<2	<2	<2	<2	<2
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**						-	-	-	0.007	<1	<2	<2	<2	<2	<2
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**						-	-	-	0.019	<1	<2	<2	<2	<2	<2
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**						-	-	-	0.007	<1	<2	<2	<2	<2	<2
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**						-	-	-	0.819	<1	<2	<2	<2	<2	<2
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**						-	-	-	0.007	<1	<2	<2	<2	<2	<2
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	0.672	<1	<2	<2	<2	<2	<2
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						-	-	-	<0.005	<1	<2	<2	<2	<2	<2
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**						-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	12	<2	<2	<2	<2
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**						-	-	-	-	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*60* [#6]	*60* [#6]					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	<0.0001	-	0.006	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	<0.005	-	<0.0001	-	<0.001	<0.001	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.007	<1	<1	<1	<2	<1	<3
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	180	1,100.0	6,000.0	18,000.0	*2,800.0*	21,000.0
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.01	<1	2	2	7	3	9
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	<0.0001	-	<0.001	-	-	0.008	<1	<1	<1	<2	<1	<3
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	3	2	<2	2	<3
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	33	70	<5	70
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<25	350	560	650	71	720
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	<10	<10	700	3,200.0	*720*	4,000.0
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	<100	<100	330	1,100.0	130	1,200.0
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	51	97	49	150
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	<0.0001	-	<0.001	-	-	0.005	<1	580	320	1,300.0	*560*	<3
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	150	420	770	1,800.0	83	1,900.0
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	<25	180	520	5,400.0	*1,700.0*	7,000.0
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	<25	180	560	5,800.0	*1,800.0*	7,600.0
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	<25	310	810	6,000.0	*2,000.0*	8,000.0
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	240	910	78	990
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	<0.0001	-	<0.001	-	-	0.008	<50	2,600.0	1,900.0	8,800.0	*3,400.0*	12,000.0
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	52	260	940	*390*	1,300.0
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	<0.0001	-	<0.001	-	-	<0.005	350	23	110	48	9	57
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	<0.0001	-	<0.001	-	-	0.023	33	87	1,500.0	3,600.0	90	3,700.0
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	<10	40	190	1,600.0	*420*	2,100.0
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	<0.0001	-	<0.001	-	-	<0.005	100	130	12	26	8	34
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	<0.0001	-	<0.001	-	-	0.005	<10	11	200	530	21	550
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	<0.0001	-	<0.001	-	-	<0.005	18	60	290	830	120	950
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	1	<1	<2	<1	<3
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	2	1	<1	<2	<1	<3
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	110	640	5,000.0	9,100.0	*1,600.0*	11,000.0
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	<1	<1	24	17	20	38
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	<20	420	920	5,100.0	*2,000.0*	7,100.0
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	<1	<1	110	77	7	84
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

												C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
												µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL												10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand													6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand													NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*60* [#6]	*60* [#6]					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																						
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**							7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	19	71	99	180	22	200
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**							25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	<20	21	890	5,200.0	*1,400.0*	6,600.0
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**							8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	<10	17	260	1,000.0	92	1,100.0
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**							1,600.0	1,600.0	-	-	-	-	-	-	-	-	<1	2	15	24	6	29
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**							<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**							<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							190	190	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							200	200	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							250	250	-	-	-	-	-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**							6,500.0	4,900.0	-	-	-	-	-	-	-	-	<10	380	180	730	*330*	1,100.0
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**							17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	38	22	1,400.0	3,900.0	77	4,000.0
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**							21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	23	33	1,300.0	4,500.0	*390*	4,900.0
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**							33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	<20	260	1,400.0	7,500.0	*3,100.0*	11,000.0
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**							26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	<20	560	1,100.0	5,400.0	*2,300.0*	7,700.0
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**							<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**							6,400.0	5,200.0	-	-	-	-	-	-	-	-	<20	<20	330	910	<20	910
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**							38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	<100	1,700.0	850	8,000.0	*2,900.0*	11,000.0
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**							7,600.0	5,800.0	-	-	-	-	-	-	-	-	<20	88	300	1,000.0	*420*	1,500.0
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**							3,100.0	2,600.0	-	-	-	-	-	-	-	-	150	220	92	<20	<10	<30
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**							8,100.0	6,000.0	-	-	-	-	-	-	-	-	230	<50	580	1,300.0	<50	1,300.0
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							3,200.0	2,400.0	-	-	-	-	-	-	-	-	110	78	340	210	63	270
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							4,600.0	4,100.0	-	-	-	-	-	-	-	-	63	<50	310	160	<50	160
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							5,180.0	4,500.0	-	-	-	-	-	-	-	-	59	37	345	197	39	236
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**							6,200.0	4,800.0	-	-	-	-	-	-	-	-	<10	18	190	800	*350*	1,100.0
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**							6,300.0	5,600.0	-	-	-	-	-	-	-	-	<50	<50	320	370	<50	370
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**							2,600.0	1,800.0	-	-	-	-	-	-	-	-	<50	<50	390	440	<50	440
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**							100	80	-	-	-	-	-	-	-	-	<1	3	6	6	4	10
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**							20	<20	-	-	-	-	-	-	-	-	<1	2	<1	<2	<1	<3
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	0.013	<1	<1	<1	<2	<1	<3
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	0.003	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**							<100	<100	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	<5	<10	<5	<15
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	0.001	-	-	0.012	<1	<1	<1	<2	<1	<3
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**							<200	<200	-	-	<0.0001	-	<0.001	-	-	<0.005	<10	<10	<10	<20	<10	<30
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	0.003	-	-	<0.005	<1	10	<1	<2	1	<3
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	0.003	-	-	0.006	<1	<1	<1	<2	<1	<3
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	0.006	<1	<1	<1	<2	<1	<3
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	<0.0001	-	<0.001	-	-	0.014	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*60* [#6]	*60* [#6]					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.007	<1	<1	<1	<2	<1	<3
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.01	<1	<1	<1	<2	<1	<3
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.007	<1	<1	<1	<2	<1	<3
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	650	2,000.0	2,200.0	9,300.0	*2,300.0*	12,000.0
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	<0.0001	-	<0.001	-	-	<0.005	53	66	500	2,100.0	31	2,100.0
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	88	710	980	8,700.0	*3,500.0*	12,000.0
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	<0.0001	-	<0.001	-	-	<0.005	<10	<10	<10	<20	<10	<30
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	<0.0001	-	<0.001	-	-	0.006	<1	<1	<1	<2	<1	<3
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	<0.0001	-	<0.001	-	-	<0.005	2,800.0	1,000.0	240	2,300.0	*330*	2,600.0
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.006	<1	<1	<1	<2	<1	<3
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	15	1	16
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	<0.0001	-	<0.001	-	-	<0.005	15	47	300	340	31	370
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	0.002	-	-	0.058	<1	<1	<1	<2	<1	<3
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.006	<1	<1	<1	<2	<1	<3
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	<0.0001	-	0.005	-	-	0.013	<10	<10	<10	<20	<10	<30
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	<0.0001	-	<0.001	-	-	<0.005	8	3	<1	12	2	14
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	<5	<10	<5	<15
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	760	100	1,000.0	3,300.0	*670*	3,900.0
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	<0.0001	-	0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	3	<2	<1	<3
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	120	110	<5	110
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	<0.0001	-	<0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	0.0001	-	0.006	-	-	<0.005	3	2	1	4	2	7

Table T03a - Groundwater Analytical Results

											C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
											µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL											10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand												6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand												NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*60* [#6]	*60* [#6]					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																					
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**						180	150	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	1	<1	27	2	29
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**						50	50	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**						70	70	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**						1,100.0	780	-	-	<0.0001	-	0.001	-	-	0.005	15	53	63	170	18	190
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**						480	460	-	-	<0.0001	-	<0.001	-	-	<0.005	1	2	<1	17	3	20
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**						180	180	-	-	<0.0001	-	0.001	-	-	0.009	<1	<1	<1	<2	<1	<3
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**						50	50	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**						50	50	-	-	<0.0001	-	0.004	-	-	0.014	1	<1	<1	2	<1	3
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**						1,900.0	1,200.0	-	-	<0.0001	-	0.003	-	-	0.011	61	130	68	230	170	400
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**						3,900.0	2,700.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	29	410	720	45	760
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**						60	60	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**						1,200.0	1,200.0	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	1	<2	<1	<3
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**						250	250	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	3	<1	<2	<1	<3
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**						80	80	-	-	<0.0001	-	0.002	-	-	<0.005	1	<1	<1	<2	<1	<3
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**						100	100	-	-	<0.0001	-	0.002	-	-	0.012	<1	<1	<1	3	<1	4
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**						340	320	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	7	10	<10	<5	<15
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**						50	50	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**						30	30	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**						120	110	-	-	<0.0001	-	0.002	-	-	0.01	<1	<1	<1	10	1	11
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**						470	320	-	-	<0.0001	-	0.002	-	-	0.034	4	22	28	74	19	92
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**						90	90	-	-	<0.0001	-	0.002	-	-	0.008	<1	<1	<1	<2	<1	<3
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**						1,600.0	1,500.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	29	65	6	71
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**						1,200.0	900	-	-	<0.0001	-	<0.001	-	-	<0.005	<2	4	6	290	4	300
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**						8,800.0	**6,500.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	33	68	200	2,000.0	30	2,100.0
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**						180	180	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**						21,000.0	**11,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	630	2,900.0	710	4,200.0	*1,200.0*	5,400.0
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**						30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	690	2,200.0	1,600.0	8,600.0	*1,600.0*	10,000.0
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**						640	640	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**						42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	<200	520	840	14,000.0	*4,600.0*	18,000.0
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**						80	80	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**						<400	<400	-	-	-	-	-	-	-	-	<20	<20	<20	<40	<20	<60
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**						120	120	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**						10,000.0	3,700.0	-	-	-	-	-	-	-	-	2,000.0	<50	660	3,600.0	82	3,600.0
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**						160	160	-	-	-	-	-	-	-	-	<1	<1	<1	3	<1	3
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**						3,400.0	2,700.0	-	-	-	-	-	-	-	-	11	21	160	320	140	460
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

											C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)
											µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL											10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand												6,000 | 6,000 | 7,000 [#3]								
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand												NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*60* [#6]	*60* [#6]
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**						30	30	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**						310	300	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**						660	660	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**						800	800	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**						50	50	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**						190	190	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**						45,000.0	**24,000.0**	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**						150	150	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**						190	190	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**						1,600.0	1,400.0	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**						50	50	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**						80	60	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**						230	230	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**						280	280	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**						290	290	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**						60	50	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**						40	40	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**						280	240	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**						50	50	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**						80	80	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**						410	400	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**						110	110	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**						60	60	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**						900	660	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**						3,600.0	2,600.0	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**						1,100.0	1,100.0	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**						100	100	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**						40	40	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**						120	120	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**						<20	<20	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**						90	90	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**						90	90	-	-	-	-	-	-	-	-

											Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes		
											µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL											1	1	1	2	1	2		
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters											10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand											5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand											NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL		
USEPA RSLs Tapwater THQ=1.0 (May 2024)															*190*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	3	3	<1	3		
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	1	<2	<1	<3		
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**						3	<1	<1	<2	<1	<3		
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**						1,100.0	<200	2,600.0	16,000.0	*1,500.0*	17,000.0		
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	2	<2	<1	<3		
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**						<10	<10	80	71	<10	71		
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	3	<1	3		
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**						4	<1	2	11	<1	11		
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<2	<2	4	<2	4		
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	4	<1	4		
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	5	<1	5		
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**						2	2	1	4	2	5		
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	43	<1	44		
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	2	<1	7	3	10		
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**						14	35	29	84	74	160		
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**						<5	21	230	720	43	760		
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**						1	<1	2	2	<1	<3		
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**						<5	<5	<5	<10	<5	<15		
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	<1	<2	<1	<3		
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**						<1	<1	1	<2	<1	<3		

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*60 [#6]*	*60 [#6]*					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	65	410	590	1,900.0	*370*	2,200.0
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	<5	<5	19	<10	<5	<15
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	<1	<1	1	49	<1	50
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	12	73	294	1,740.0	18	1,760.0
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	11	61	250	1,600.0	12	1,600.0
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	17	65	260	1,600.0	13	1,700.0
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	210	48	290	1,500.0	150	1,600.0
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	160	32	150	850	100	950
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	0.0002	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	0.0004	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.011	<1	<1	<1	<2	<1	<3
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.008	<1	<1	<1	<2	<1	<3
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	<0.0001	-	0.002	-	-	0.15	<1	<1	<1	<2	<1	<3
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.016	<1	<1	<1	<2	<1	<3
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

											C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
											µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL											10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand												6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand												NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*60 [#6]*	*60 [#6]*					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																					
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**						100	100	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**						110,000.0	**50,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	840	32,000.0	3,400.0	17,000.0	*6,500.0*	23,000.0
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**						660	520	-	-	<0.0001	-	<0.001	-	-	<0.005	110	2	3	21	<1	21
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**						61,000.0	**27,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	2,000.0	15,000.0	<500	13,000.0	*4,400.0*	18,000.0
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.009	<1	<1	<1	<2	<1	<3
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	0.002	-	-	0.011	<1	<1	<1	<2	<1	<3
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	1	<1	<1	5	<1	5
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**						29,000.0	**15,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	870	64	660	12,000.0	170	12,000.0
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.02	<1	<1	<1	<2	<1	<3
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**						510	390	-	-	<0.0001	-	<0.001	-	-	<0.005	7	1	27	88	<1	88
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**						280	280	-	-	0.0003	-	0.015	-	-	0.022	<1	<1	<1	2	1	3
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**						91,000.0	**40,000.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	**13,000.0**	20,000.0	3,000.0	13,000.0	*2,500.0*	16,000.0
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**						170	170	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**						200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	1,600.0	44,000.0	6,900.0	35,000.0	*13,000.0*	48,000.0
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**						1,800.0	1,500.0	-	-	-	-	-	-	-	-	320	<10	<10	<20	<10	<30
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**						32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	840	770	1,200.0	11,000.0	*730*	12,000.0
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	0.002	-	-	0.011	<1	<1	<1	<2	<1	<3
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**						20	20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**						290	230	-	-	-	-	-	-	-	-	3	2	11	25	16	40
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**						33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	1,600.0	<50	2,400.0	9,800.0	<50	9,800.0
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**						30	30	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**						3,900.0	3,000.0	-	-	-	-	-	-	-	-	30	<5	160	710	<5	710
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**						40	<20	-	-	-	-	-	-	-	-	<1	5	<2	16	<2	16
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**						90	70	-	-	-	-	-	-	-	-	<1	5	1	14	<1	14
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**						390	380	-	-	-	-	-	-	-	-	<1	1	2	3	<1	4
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**						95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	**10,000.0**	24,000.0	390	13,000.0	*2,900.0*	16,000.0
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**						220	190	-	-	-	-	-	-	-	-	<1	2	14	16	<1	16
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**						90	90	-	-	<0.0001	-	<0.001	-	-	0.074	<1	<1	<1	<2	<1	<3
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**						90	90	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.007	<1	<1	<1	<2	<1	<3
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**						40	40	-	-	<0.0001	-	<0.001	-	-	0.015	<1	<1	<1	<2	<1	<3
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.035	<1	<1	<1	<2	<1	<3
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	0.002	-	-	0.068	<1	<1	<1	<2	<1	<3
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.052	<1	<1	<1	<2	<1	<3
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	0.002	-	-	0.012	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

											C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
											µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL											10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand												6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand												NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*60 [#6]*	*60 [#6]*					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																					
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.006	<1	<1	<1	<2	<1	<3
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	0.003	-	-	0.064	<1	<1	<1	<2	<1	<3
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	0.003	-	-	0.009	<1	<1	<1	<2	<1	<3
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**						630	610	-	-	<0.0001	-	<0.001	-	-	0.048	<1	2	11	3	3	6
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	1	<1	<2	<1	<3
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**						16,000.0	**8,000.0**	-	-	<0.0001	-	<0.001	-	-	0.017	100	1,500.0	760	4,800.0	*890*	5,700.0
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**						210	200	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	4	8	<1	8
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.024	<1	<1	1	<2	<1	<3
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.009	<1	<1	<1	<2	<1	<3
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**						1,000.0	780	-	-	<0.0001	-	<0.001	-	-	<0.005	2	12	21	180	3	180
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	0.001	-	-	0.008	<1	<1	<1	<2	<1	<3
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**						400	300	-	-	<0.0001	-	<0.001	-	-	<0.005	40	<5	12	39	8	47
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.29	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**						60	60	0.31	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**						80	70	0.31	-	-	-	-	-	-	-	<1	<1	<1	5	2	7
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**						110	110	0.15	-	-	-	-	-	-	-	<1	<1	<1	<2	2	<3
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**						30	30	0.063	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	0.009	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.006	<1	<1	<1	<2	<1	<3
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	0.082	-	-	3.7000	<1	<1	<1	<2	<1	<3
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**						80	80	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**						130	130	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	0.011	<1	<1	<1	<2	<1	<3
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.044	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**						80	80	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.17	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**						20	20	0.38	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.072	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.006	-	<0.0001	-	<0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.2	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.01	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.008	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**						20	20	0.089	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<2	<2	<2	<2	<2
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**						40	40	0.63	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**						<100	<100	-	-	-	-	-	-	-	-	<5	<5	<5	<10	<5	<15
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**						500	440	0.074	-	-	-	-	-	-	-	<5	<5	24	35	<5	35
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	<0.005	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**						12,000.0	**7,000.0**	0.24	-	-	-	-	-	-	-	47	1,900.0	270	2,000.0	*820*	2,800.0
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**						180	180	0.24	-	-	-	-	-	-	-	<1	<1	2	<2	<1	<3
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**						40	40	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**						270	270	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

											C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
											µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL											10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													5 [#1]	0.01 [#1 #1]	0.01 [#1 #1]	0.2 [#1 #1]	0.2 [#1 #1]	0.1 [#1]	NL [#2 #2]	NL [#2 #2]	10 [#1]	8,000 [#1]	3,000 [#1]			6,000 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand												6,000 | 6,000 | 7,000 [#3]									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL	NL | NL | NL		NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand												NL | NL | NL									NL | NL | NL	NL | NL | NL	NL | NL | NL	NL | NL | NL		NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*60* [#6]	*60* [#6]					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																					
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	<0.005	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**						1,100.0	880	0.034	-	-	-	-	-	-	-	<5	<5	31	180	14	190
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	0.084	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**						170	100	-	-	-	-	-	-	-	-	49	<1	1	14	6	20
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	0.002	-	-	0.058	<1	<1	<1	<2	<1	<3
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	2	<1	<3
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						1,500.0	1,500.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						1,300.0	1,300.0	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						740	740	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						360	360	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						130	130	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						400	400	-	-	-	-	-	-	-	-	3	<1	<1	<2	<1	<3
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						15,000.0	**9,200.0**	-	-	<0.0001	-	<0.001	-	-	<0.005	760	100	1,000.0	3,300.0	*670*	3,900
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**						16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	770	130	1,100.0	4,700.0	*720*	5,400.0
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**						10,600.0	3,360.0	-	-	-	-	-	-	-	-	758	100	1,010.0	4,700.0	*667*	5,370.0
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						8,700.0	2,900.0	-	-	-	-	-	-	-	-	470	170	740	3,500	*950*	4,400
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						480	480	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	3	<2	<1	<3
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						2,000.0	1,800.0	-	-	<0.0001	-	<0.001	-	-	<0.005	<5	<5	120	110	<5	110
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						1,100.0	1,100.0	-	-	-	-	-	-	-	-	<10	<10	30	<20	<10	<30
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**						1,100.0	1,100.0	-	-	-	-	-	-	-	-	<10	<10	28	<20	<10	<30
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						50	50	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						20	20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						40	40	-	-	<0.0001	-	<0.001	-	-	0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						30	30	-	-	-	-	-	-	-	-	4	<1	<1	<2	<1	<3
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						310	310	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						440	440	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						70	70	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						90	80	-	-	0.0001	-	0.006	-	-	<0.005	3	2	1	4	2	7
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**						40	30	-	-	-	-	-	-	-	-	2	1	<1	3	2	5
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						50	40	-	-	-	-	-	-	-	-	3	2	1	4	2	6
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						50	50	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						70	70	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						30	30	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						1,100.0	780	-	-	<0.0001	-	0.001	-	-	0.005	15	53	63	170	18	190
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**						<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Manganese (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Selenium (filtered)	Zinc	Zinc (filtered)	Benzene	Toluene	Ethylbenzene	m&p-Xylene	o-Xylene	Total Xylenes
	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.005	0.00005	0.00005	0.001	0.001	0.001	0.001	0.001	1	1	1	2	1	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			5 #1	0.01 #1 #1	0.01 #1 #1	0.2 #1 #1	0.2 #1 #1	0.1 #1	NL #2 #2	NL #2 #2	10 #1	8,000 #1	3,000 #1			6,000 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3									5,000 | 5,000 | 5,000	NL | NL | NL	NL | NL | NL			NL | NL | NL
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL								NL | NL | NL	NL | NL | NL	NL | NL | NL			NL | NL | NL
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*60 #6*	*60 #6*					*190*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**											
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	<0.0001	-	0.001	-	-	<0.005	<1	<1	1	<2	<1	<3
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	<1	<1	6	<2	<1	<3
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	3	<1	<2	<1	<3
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	<0.0001	-	0.002	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	<1	<1	<1	<2	<1	<3
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	<0.0001	-	<0.001	-	-	<0.005	<1	<1	<1	<2	<1	<3
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	<10	<10	<10	<20	<10	<30
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.013	<1	<1	<1	<2	<1	<3
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	<0.0001	-	<0.001	-	-	0.006	<1	<1	<1	<2	<1	<3

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

								Monocyclic Aromatic Hydrocarbons												
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL								10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	<5	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	<0.5
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	<0.5
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	<0.5
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	<0.5
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	<0.5
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**			20	<20	-	-	-	-	-	-	-	-	-	-	12	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

| | | |

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons														
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL							10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	677	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons												
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL							10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_OMW05	06 Aug 2024	OMW05	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	06 Aug 2024	OMW06	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	06 Aug 2024	OMW09	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	06 Aug 2024	OMW10	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	06 Aug 2024	OMW11	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	06 Aug 2024	OMW12	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	12 Aug 2024	PMW10	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	12 Aug 2024	PMW30	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	12 Aug 2024	PMW38	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	12 Aug 2024	PMW41	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	12 Aug 2024	PMW42	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	12 Aug 2024	PMW49	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	12 Aug 2024	PMW50	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	12 Aug 2024	PMW51	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	12 Aug 2024	PMW53	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	12 Aug 2024	PMW57	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	11 Nov 2024	BP01	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	11 Nov 2024	CLOR1	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	04 Nov 2024	CMW01	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	04 Nov 2024	CMW02	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	04 Nov 2024	CMW03	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	04 Nov 2024	CMW04	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	04 Nov 2024	CMW06	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_CMW08	04 Nov 2024	CMW08	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_CMW10	04 Nov 2024	CMW10	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	04 Nov 2024	CMW11	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	04 Nov 2024	CMW12	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	04 Nov 2024	CMW14	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	04 Nov 2024	CMW15	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	04 Nov 2024	CMW16	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	04 Nov 2024	CMW19	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	04 Nov 2024	CMW22	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	04 Nov 2024	CMW29	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	04 Nov 2024	CMW30	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	04 Nov 2024	CMW31	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	04 Nov 2024	CMW32	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	05 Nov 2024	OMW01	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	05 Nov 2024	OMW02	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	05 Nov 2024	OMW03	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	05 Nov 2024	OMW04A	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	05 Nov 2024	OMW05	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	05 Nov 2024	OMW06	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_OMW10	05 Nov 2024	OMW10	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	05 Nov 2024	OMW11	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	11 Nov 2024	PMW10	Normal	DU17	Former CLOR		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons															
									C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
									µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL									10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters											300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand										6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand										NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																			
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	<1	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**				38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**				8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**				33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**				620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**				140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**				12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**				30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**				210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**				5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**				<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**				440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**				1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**				740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**				<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**				130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**				15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**				120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**				480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**				2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**				50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**				40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**				310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**				40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**				70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**				90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons														
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL							10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								**6,000 | 6,000 | 7,000** [#3]												**NL | NL | NL**		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								**NL | NL | NL**														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL							10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								**6,000 | 6,000 | 7,000** [#3]												**NL | NL | NL**		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								**NL | NL | NL**														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		230	230	-	-	-	-	-	-	-	-	-	-	4	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL						10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	2,140.0	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons											
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL							10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		40	<20	-	-	-	-	-	-	-	-	-	-	21	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons												
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL							10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**		270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Monocyclic Aromatic Hydrocarbons														
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL								10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										300 [#1]													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**			1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**			170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,300.0	1,300.0	<1	120	-	-	-	-	-	<1	<1	120	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			740	740	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			360	360	<1	140	-	-	-	-	-	<1	<1	140	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			130	130	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			400	400	<1	140	-	-	-	-	-	<1	<1	143	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	5,760	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	7,400	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	7,238	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			8,700.0	2,900.0	25	91	-	-	-	-	-	*580*	*140*	5,946.0	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			480	480	-	-	-	-	-	-	-	-	-	-	8	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	240	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,100.0	1,100.0	<10	240	-	-	-	-	-	*76*	<10	270	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,100.0	1,100.0	<10	240	-	-	-	-	-	*67*	<10	268	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			50	50	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			20	20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			40	40	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			30	30	<1	3	-	-	-	-	-	4	<1	7	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			310	310	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			440	440	<1	86	-	-	-	-	-	<1	<1	86	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			70	70	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	5	-	-	-	-	-	<1	<1	5	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			90	80	-	-	-	-	-	-	-	-	-	-	13	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			40	30	<1	7	-	-	-	-	-	<1	<1	15	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			50	40	<1	8	-	-	-	-	-	<1	<1	20	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			50	50	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			70	70	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			30	30	<1	8	-	-	-	-	-	<1	<1	8	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,100.0	780	-	-	-	-	-	-	-	-	-	-	321	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-

Table T03a - Groundwater Analytical Results

									Monocyclic Aromatic Hydrocarbons										
									C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Styrene	Isopropylbenzene (Cumene)	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	tert-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Total MAH	Total BTEX	Naphthalene (BTEXN)	Benzo(a)pyrene TEQ_	Total PAHs Vic EPA - assumes <LOR results = 0
									µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL									10	10	0.05	1	1	1	1	1	1	0.05	0.05	3	1	1	0.0005	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters											300 #1													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand										6,000 | 6,000 | 7,000 #3												NL | NL | NL		
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand										NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*1,200*	*450*	*1,000*	*660*		*2,000*	*690*	*56*	*60*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																			
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				2,300.0	2,300.0	<1	160	-	-	-	-	-	24	<1	166	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				250	250	-	-	-	-	-	-	-	-	-	-	8	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				90	90	<1	77	-	-	-	-	-	<1	<1	77	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				<20	<20	<1	<1	-	-	-	-	-	<1	<1	<3	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				<20	<20	-	-	-	-	-	-	-	-	-	-	6	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**				330	330	<10	160	-	-	-	-	-	<10	<10	160	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

													Polynuclear Aromatic Hydrocarbons						
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL			
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL										NL | NL | NL			
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1.0	-	-	<1	<1.0	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1.0	-	-	<1	<1.0	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1.0	-	-	<1	<1.0	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	*3.3*	-	-	<1	<1.0	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1.0	-	-	<1	<1.0	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1.0	-	-	<1	<1.0	<1	<1	-	<1	<1	<1	<1
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	<0.5	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	<0.5	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	<0.5	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	<0.5	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	<0.5	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	<0.5	<1.0	-	-	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	<5	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	<5	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	<5	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	<5	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	<10	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	<10	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	<10	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1

Table T03a - Groundwater Analytical Results

															Polynuclear Aromatic Hydrocarbons						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	<10	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	<10	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	-	<1	<1	<1	<1
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	*340*	-	-	<1	<1	<2	<2	<1,000.0	<1	<1	<1	<1
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	190	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	940	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	1,100.0	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	1,300.0	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	270	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	370	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	1,800.0	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	1,300.0	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	1,500.0	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	1,700.0	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	180	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	1,500.0	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	220	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	210	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	1,200.0	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	800	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	720	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	510	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	*270*	-	-	<1	<1	<1	1	340	<1	<1	<1	<1
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	990	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	130	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-

Table T03a - Groundwater Analytical Results

													Polynuclear Aromatic Hydrocarbons						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	370	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	2,000.0	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	650	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	150	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	270	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	1,900.0	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	1,800.0	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	1,800.0	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	1,800.0	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	430	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	1,400.0	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	510	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	380	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	1,900.0	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	1,700.0	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	1,600.0	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	1,200.0	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	280	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	1,100.0	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	1,600.0	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-

Table T03a - Groundwater Analytical Results

														Polynuclear Aromatic Hydrocarbons							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-

Table T03a - Groundwater Analytical Results

														Polynuclear Aromatic Hydrocarbons							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	<500	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	210	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	<500	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	*390*	-	-	<1	<1	<1	4	1,000.0	<1	<1	<1	<1
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	50	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	<1,000.0	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	1,300.0	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	<100	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	170	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	140	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	*1*	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	*220*	-	-	<1	1	1	2	270	<1	<1	<1	<1
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	<1	-	-	1	2	<1	4	<10	<1	<1	<1	<1
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	*48*	-	-	<1	3	<1	11	50	5	<1	<1	<1

Table T03a - Groundwater Analytical Results

														Polynuclear Aromatic Hydrocarbons							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	<1	-	-	<1	<1	<1	<1	320	<1	<1	<1	<1
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	80	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	10	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	120	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	410	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	100	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	380	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	10	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	660	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	1,100.0	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	<1,000.0	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	<1,000.0	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	<2,000.0	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	900	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	140	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	530	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	1,100.0	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-

Table T03a - Groundwater Analytical Results

														Polynuclear Aromatic Hydrocarbons						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	130	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	<2,000.0	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	270	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	60	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	110	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	10	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	60	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	640	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	120	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	280	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	50	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	<10	-	-	-	-

Table T03a - Groundwater Analytical Results

																	Polynuclear Aromatic Hydrocarbons						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	370	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	540	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	50	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	974	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	1,000.0	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	1,000.0	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	<1	-	-	<1	1	<1	1	<10	<1	<1	<1	<1
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	7	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	120	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	100	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	<1	-	-	<1	1	<1	2	<10	<1	<1	<1	<1
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	<1	-	-	<1	1	<1	1	<10	<1	<1	<1	<1
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01

Table T03a - Groundwater Analytical Results

													Polynuclear Aromatic Hydrocarbons						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	570	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	60	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	600	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	1,600.0	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	70	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	920	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	*0.20*	-	-	<0.01	<0.1	<0.01	<0.05	<10	<0.03	<0.02	<0.01	<0.01
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	<2,000.0	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.05	<0.01	<0.01
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	610	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	<500	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<10	<0.1	<0.1	<0.1	<0.1
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<10	<0.1	<0.1	<0.1	<0.1
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	50	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	990	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	590	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	<1,000.0	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.01	-	-	1.0	2.0	<0.01	1.0	<10	0.50	<0.01	<0.01	<0.01
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	*1.6*	-	-	<0.01	<0.01	<0.01	0.06	<10	0.08	0.17	<0.01	<0.01
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	*0.99*	-	-	0.11	0.07	<0.01	0.11	<10	0.13	0.11	<0.01	<0.01
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	*32*	-	-	1.0	4.0	<0.01	5.0	250	1.0	<0.01	<0.01	<0.01
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1

Table T03a - Groundwater Analytical Results

													Polynuclear Aromatic Hydrocarbons							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	*41*	-	-	<1	<1	<1	<1	70	<1	<1	<1	<1
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	*21*	-	-	<1	<1	<1	<1	310	<1	<1	<1	<1
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	*110*	-	-	<1	2	<1	7	110	4	<1	<1	<1
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	*130*	-	-	<1	5	<1	6	190	4	<1	<1	<1
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	<1	-	-	<1	<1	<1	<1	150	<1	<1	<1	<1
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	4	<1	5	<10	4	<1	<1	<1
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	*230*	-	-	1	7	<1	5	460	2	<1	<1	<1
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	1	<10	<1	<1	<1	<1
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	100	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	200	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	60	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	*0.40*	-	-	0.80	3.9	0.50	4.9	<10	2.6	0.10	<0.01	<0.01
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	70	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	30	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	*0.30*	-	-	<0.05	1.5	<0.01	0.99	<10	<0.01	<0.01	<0.01	<0.01
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	*5.1*	-	-	1.1	5.5	0.10	7.1	10	1.4	0.09	<0.01	<0.01
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<10	<0.1	<0.1	<0.1	<0.1
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	0.10	-	-	<0.01	<0.01	<0.01	<0.01	<10	0.10	0.20	<0.01	<0.01
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	0.10	-	-	<0.1	<0.1	<0.1	<0.1	<10	<0.1	<0.1	<0.1	<0.1
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<5	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	240	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	150	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	<200	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	150	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	180	-	-	-	-

Table T03a - Groundwater Analytical Results

													Polynuclear Aromatic Hydrocarbons								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	210	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	*350*	-	-	<1	11	1	9	<10	7	<1	<1	<1
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	140	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	<500	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	130	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	<100	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	*1*	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	*220*	-	-	<1	1	1	2	270	<1	<1	<1	<1
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	<100	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	<100	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	<1	-	-	1	2	<1	4	<10	<1	<1	<1	<1
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	*48*	-	-	<1	3	<1	11	50	5	<1	<1	<1
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	-	-	-	-	-	-	-	-	40	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	-	-	-	-	-	-	-	-	50	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	<1	-	-	<1	<1	<1	<1	<10	<1	<1	<1	<1
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	<1	-	-	<1	<1	<1	<1	320	<1	<1	<1	<1
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-

Table T03a - Groundwater Analytical Results

													Polynuclear Aromatic Hydrocarbons						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Total Positive PAHs	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	2-Methylnaphthalene	2-Chloronaphthalene	Acenaphthylene	Acenaphthene	Anthracene	Fluorene	Naphthalene (VOC)	Phenanthrene	Fluoranthene	Benz(a)anthracene	Benzo(k)fluoranthene
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.1	0.5	0.1	2	2	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]			NL | NL | NL							NL | NL | NL				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL										NL | NL | NL				
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.12*	*36*	*750*		*530*	*1,800*	*290*			*800*	*0.03*	*2.5*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	20	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	<100	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	<10	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL	10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)					*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	3.3	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	<1	-	-	-	<0.5	<1	<1	-	<1	<1	<1	<0.5	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	<1.0	-	-	-	<0.5	<1.0	<1.0	-	<1.0	<1.0	<1.0	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	18
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	34
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	20
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	<1.0	-	-	-	<0.5	<1.0	<1.0	-	<1.0	<1.0	<1.0	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	<1.0	-	-	-	<0.5	<1.0	<1.0	-	<1.0	<1.0	<1.0	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	57
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	49
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	60
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	120
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	<1.0	-	-	-	<0.5	<1.0	<1.0	-	<1.0	<1.0	<1.0	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	7.6
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	10
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	4.5
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	2.7
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	<1.0	-	-	-	<0.5	<1.0	<1.0	-	<1.0	<1.0	<1.0	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	49
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	37
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	38
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	35
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-

Table T03a - Groundwater Analytical Results

							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL							10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500.0	46
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	41
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		57,000.0	**29,000.0**	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	340	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		45,000.0	**29,000.0**	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	270	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL	10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)					*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL	10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)					*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL						10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	390	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	1	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	220	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	7	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	67	-	-

Table T03a - Groundwater Analytical Results

							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL							10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	780	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL	10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)					*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL							10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**		410	410	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	2	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**		990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**		320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**		3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**		170	170	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	3	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**		90	90	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	2	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL	10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)					*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.02	-	<0.01	<0.01	<0.01	0.2	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.05	-	<0.01	<0.01	<0.01	<0.05	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.1	-	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<0.1	-	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	4.5	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	0.17	-	<0.01	<0.01	<0.01	2.08	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	0.22	-	<0.01	<0.01	<0.01	1.74	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	43	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL	10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							0.1 #1								NL #2	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)					*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	41	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	21	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	120	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	1	<1	<1	150	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	13	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	250	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	1	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	20	33
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	17	120
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	13	130
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	18	110
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	<0.01	-	-	-	<0.01	<0.01	0.20	-	<0.01	<0.01	<0.01	13.4	24	140
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	14	85
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	2.79	13	140
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	24	120
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	0.16	-	<0.01	<0.01	<0.01	20.55	15	90
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.1	-	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	9.4	39
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	19	78
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.01	-	-	-	<0.01	<0.01	0.50	-	<0.01	<0.01	<0.01	0.9	22	41
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	<0.1	-	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	0.1	15	57
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	8.7	67
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	14	110
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	9.9	33
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	9.7	27
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	22	67
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	9.9	27
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL							10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													0.1 [#1]								NL [#2]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	11	48
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	14	20
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	12	120
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		170	100	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	380	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		480	480	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	1	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,000.0	1,800.0	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	220	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	7	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	80	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	67	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	780	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Benzo(b&j)fluoranthene	Benzo(b+j) & Benzo(k)fluoranthene	N-2-Fluorenyl Acetamide	7,12-Dimethylbenz(a)anthracene	Benzo(a)pyrene	Chrysene	Pyrene	3-Methylcholanthrene	Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Sum of PAHs	Chloride	Calcium
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL	10	10	1	0.2	2	2	0.1	0.1	0.1	2	0.1	0.1	0.1	0.5	1	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							0.1 #1								NL #2	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)					*0.016*	*0.0001*		*25*	*120*	*0.0011*		*0.025*	*0.25*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

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Table T03a - Groundwater Analytical Results

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Table T03a - Groundwater Analytical Results

									Major Ions											
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Calcium (filtered)	Fluoride	Magnesium	Magnesium (filtered)	Potassium	Potassium (filtered)	Sodium	Sodium (filtered)	Sulfate as SO4	Sulfate as SO4 (Turbidimetric) (filtered)	Total Anions	Total Cations	Ionic Balance	Hydroxide Alkalinity as CaCO3
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L
EQL							10	10	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	2	1	0.01	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										15 [#1]					NL [#2 #2]	NL [#2 #2]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																						
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Major Ions											
									C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Calcium (filtered)	Fluoride	Magnesium	Magnesium (filtered)	Potassium	Potassium (filtered)	Sodium	Sodium (filtered)	Sulfate as SO4	Sulfate as SO4 (Turbidimetric) (filtered)	Total Anions	Total Cations	Ionic Balance	Hydroxide Alkalinity as CaCO3
									µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L
EQL									10	10	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	2	1	0.01	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												15 [#1]					NL [#2 #2]	NL [#2 #2]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand										6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand										NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																								
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Major Ions														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Calcium (filtered)	Fluoride	Magnesium	Magnesium (filtered)	Potassium	Potassium (filtered)	Sodium	Sodium (filtered)	Sulfate as SO4	Sulfate as SO4 (Turbidimetric) (filtered)	Total Anions	Total Cations	Ionic Balance	Hydroxide Alkalinity as CaCO3
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L
EQL						10	10	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	2	1	0.01	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									15 #1					NL #2 #2	NL #2 #2						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL													
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

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Table T03a - Groundwater Analytical Results

										Major Ions										
										C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Calcium (filtered)	Fluoride	Magnesium	Magnesium (filtered)	Potassium	Potassium (filtered)	Sodium	Sodium (filtered)	Sulfate as SO4	Sulfate as SO4 (Turbidimetric) (filtered)	Total Anions	Total Cations	Ionic Balance	Hydroxide Alkalinity as CaCO3
										µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L
EQL										10	10	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	2	1	0.01	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													15 [#1]					NL [#2 #2]	NL [#2 #2]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand											6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand											NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																									
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025d_PMW76	07 Aug 2024	PMW76	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	09 Aug 2024	PMW77	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	09 Aug 2024	PMW78	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	09 Aug 2024	PMW79	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	07 Aug 2024	PMW85	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	07 Aug 2024	PMW86	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	07 Aug 2024	PMW87	Normal	DU17	North Western Tank Farm	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	07 Aug 2024	PMW88	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	09 Aug 2024	PMW89	Normal	DU17	North Western Tank Farm	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	09 Aug 2024	PMW90	Normal	DU17	North Western Tank Farm	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	07 Aug 2024	PMW94	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	07 Aug 2024	PMW95	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	07 Aug 2024	PU52	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	07 Aug 2024	PU53	Normal	DU17	North Western Tank Farm	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	07 Aug 2024	PU54	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	07 Aug 2024	PU55	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	12 Aug 2024	PU65	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	12 Aug 2024	PU88	Normal	DU17	North Western Tank Farm	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	12 Aug 2024	PU92	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	12 Aug 2024	PU93	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	05 Nov 2024	AMW01	Normal	DU17	North Western Tank Farm	<20	<20	-	<0.1	13	-	1.6	-	14	-	2.9	-	3.4	3.4	0.3	<20
WSP2025i_AMW02	05 Nov 2024	AMW02	Normal	DU17	North Western Tank Farm	60	60	-	0.2	11	-	2.8	-	14	-	7.5	-	7.9	7.7	1.1	<20
WSP2025i_AMW04	05 Nov 2024	AMW04	Normal	DU17	North Western Tank Farm	80	70	-	0.3	14	-	2.4	-	12	-	<2	-	8.4	8.4	0.1	<20
WSP2025i_AMW05	05 Nov 2024	AMW05	Normal	DU17	North Western Tank Farm	110	110	-	<0.1	11	-	2.5	-	16	-	<2	-	7.2	7.3	0.9	<20
WSP2025i_AMW06	08 Nov 2024	AMW06	Normal	DU17	North Western Tank Farm	30	30	-	0.2	19	-	4.3	-	22	-	3.4	-	8.8	9.7	4.4	<20
WSP2025i_PMW100	05 Nov 2024	PMW100	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	05 Nov 2024	PMW101	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	06 Nov 2024	PMW102	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	05 Nov 2024	PMW103	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	05 Nov 2024	PMW104	Normal	DU17	North Western Tank Farm	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	05 Nov 2024	PMW105	Normal	DU17	North Western Tank Farm	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	05 Nov 2024	PMW106	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	06 Nov 2024	PMW16	Normal	DU17	North Western Tank Farm	<20	<20	-	0.1	8.6	-	3.2	-	17	-	2.7	-	5.3	5.8	5	<20
WSP2025i_PMW31	07 Nov 2024	PMW31	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	07 Nov 2024	PMW32	Normal	DU17	North Western Tank Farm	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	06 Nov 2024	PMW37	Normal	DU17	North Western Tank Farm	<20	<20	-	<0.2	13	-	2.5	-	17	-	13	-	8.5	8.9	2.7	<20
WSP2025i_PMW45	06 Nov 2024	PMW45	Normal	DU17	North Western Tank Farm	20	20	-	0.2	20	-	5.9	-	36	-	<4	-	8.4	9.6	6.7	<20
WSP2025i_PMW46	06 Nov 2024	PMW46	Normal	DU17	North Western Tank Farm	<20	<20	-	0.2	12	-	3.8	-	19	-	2.5	-	5.5	6.5	8.2	<20
WSP2025i_PMW47	06 Nov 2024	PMW47	Normal	DU17	North Western Tank Farm	<20	<20	-	<0.1	4.6	-	4.2	-	10	-	21	-	2.5	2.9	0.4	<20
WSP2025i_PMW68	08 Nov 2024	PMW68	Normal	DU17	North Western Tank Farm	<20	<20	-	0.2	9.3	-	2.5	-	13	-	7.2	-	4.8	5.3	4.9	<20
WSP2025i_PMW69	08 Nov 2024	PMW69	Normal	DU17	North Western Tank Farm	<20	<20	-	0.2	7.5	-	2.3	-	14	-	5.2	-	3.0	3.3	0.4	<20
WSP2025i_PMW70	08 Nov 2024	PMW70	Normal	DU17	North Western Tank Farm	<20	<20	-	0.1	22	-	5.0	-	30	-	2.9	-	5.3	6.3	8.7	<20
WSP2025i_PMW77	08 Nov 2024	PMW77	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm	20	20	-	0.2	6.0	-	2.4	-	9.7	-	3.0	-	4.2	4.3	2.0	<20
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	08 Nov 2024	PMW79	Normal	DU17	North Western Tank Farm	40	40	-	<0.1	9.9	-	2.7	-	14	-	<2	-	6.3	7.0	5.7	<20
WSP2025i_PMW86	06 Nov 2024	PMW86	Normal	DU17	North Western Tank Farm	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	06 Nov 2024	PMW87	Normal	DU17	North Western Tank Farm	500	440	-	<0.1	9.3	-	4.3	-	11	-	<2	-	2.2	3.0	0.9	<20
WSP2025i_PMW88	06 Nov 2024	PMW88	Normal	DU17	North Western Tank Farm	<20	<20	-	0.1	14	-	3.3	-	14	-	10.0	-	2.8	3.2	0.4	<20
WSP2025i_PMW89	08 Nov 2024	PMW89	Normal	DU17	North Western Tank Farm	12,000.0	**7,000.0**	-	<0.2	12	-	2.9	-	16	-	<2	-	5.0	5.1	1.2	<20
WSP2025i_PMW90	08 Nov 2024	PMW90	Normal	DU17	North Western Tank Farm	180	180	-	<0.1	8.2	-	1.8	-	11	-	<2	-	2.3	2.6	0.3	<20
WSP2025i_PMW91	05 Nov 2024	PMW91	Normal	DU17	North Western Tank Farm	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	08 Nov 2024	PMW96	Normal	DU17	North Western Tank Farm	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

										Major Ions										

Table T03a - Groundwater Analytical Results

									Major Ions									
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Calcium (filtered)	Fluoride	Magnesium	Magnesium (filtered)	Potassium	Potassium (filtered)	Sodium	Sodium (filtered)	Sulfate as SO4	Sulfate as SO4 (Turbidimetric) (filtered)	Total Anions	Total Cations	Ionic Balance	Hydroxide Alkalinity as CaCO3
	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	meq/L	meq/L	%	mg/L
EQL	10	10	0.5	0.1	0.5	0.5	0.5	0.5	0.5	0.5	2	1	0.01	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters				15 #1					NL #2 #2	NL #2 #2						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

							Alkalinity													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	1.1	-	-	<1	<1	<1	<1
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	<2	<1	<1	<1	-	-	<1	<1	<1	<1
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Alkalinity													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		57,000.0	**29,000.0**	-	-	-	-	-	<3	<3	<3	6	<10	<10	<3	12	<3
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		290	290	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Alkalinity													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Alkalinity														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Alkalinity													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		140	140	-	-	-	-	-	<3	<3	<3	<50	<50	<10	<3	<3	<3
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		1,500.0	1,500.0	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		15,000.0	**9,200.0**	-	-	-	-	-	6	<3	<3	8	<10	<10	<3	44	<3
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		2,000.0	1,800.0	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		90	80	-	-	-	-	-	250	<3	<3	<6	<10	<10	<3	<3	<3

Table T03a - Groundwater Analytical Results

							Alkalinity													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		1,900.0	1,200.0	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	4	<3
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Alkalinity														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Alkalinity													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3

Table T03a - Groundwater Analytical Results

								Alkalinity												
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
								µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL								10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)															*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**			100	100	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**			110,000.0	**50,000.0**	-	-	-	-	-	<3	<3	<15	74	74	<10	<3	43	<3
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**			660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**			61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**			29,000.0	**15,000.0**	-	-	-	-	-	15	<3	8	72	80	<10	<3	*420*	<3
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**			510	390	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**			280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**			91,000.0	**40,000.0**	-	-	-	-	-	14	<3	21	23	40	<10	<3	29	<3
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**			170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**			200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**			1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**			32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**			20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**			290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**			33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**			30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**			3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**			40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**			90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**			390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**			95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**			220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**			90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**			90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Alkalinity													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	<3	<3	<3	<6	<10	<10	<3	<3	<3
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	140	140	140	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	360	360	350	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	390	390	390	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	330	330	320	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	400	400	420	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	240	240	250	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	390	390	410	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	380	380	390	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	250	250	270	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	88	88	120	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	200	200	230	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	110	110	130	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	240	240	230	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	190	190	190	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	290	290	320	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	82	82	120	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	110	110	120	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	220	220	210	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	97	97	100	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Alkalinity													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															3,000 [#1]					2,000 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	100	100	140	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,100.0	880	-	69	69	81	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	190	190	350	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,500.0	1,500.0	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		15,000.0	**9,200.0**	-	-	-	-	8	6	<3	<3	-	<10	<10	<3	44	<3
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,000.0	1,800.0	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	40	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	80	-	-	-	-	<6	250	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Alkalinity													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Carbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3	Total Alkalinity as CaCO3	Hardness as CaCO3	3/4-Methylphenol (m/p-cresol)	Phenol	2-Chlorophenol	2-Methylphenol (o-Cresol)	3&4-Methylphenol (m&p-Cresol)	Total Cresols	2-Nitrophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,6-Dichlorophenol
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	1	1	1	2	1	1	1	6	10	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														3,000 #1					2,000 #1		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*5,800*		*930*		*1,500*			*360*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	<6	<3	<3	<3	-	<10	<10	<3	<3	<3
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

							Phenolic Compounds															
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL							10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9000
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	<1	<1	<1	-	<2	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Phenolic Compounds															
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.3000
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.29
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.18
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1000
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.69
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.53
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.49
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Phenolic Compounds														
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL								10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters											200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**			7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**			25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**			8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**			1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**			190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**			200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**			250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**			6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**			17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**			21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**			33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**			26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**			6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**			38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**			7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**			3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**			8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**			3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**			4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**			5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**			6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**			6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**			2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**			100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**			20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**			<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.11
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.83
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**			<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6000
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.59
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.78
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0000
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**			<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8000
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2000
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.78
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.86
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.75
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**			<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.14
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**			<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.0000
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.64
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2000
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7000
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1

Table T03a - Groundwater Analytical Results

						Phenolic Compounds														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2000
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.45
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.13
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.73
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.83
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1000
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2000
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5000
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Phenolic Compounds														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1000
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0000
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0000
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2000
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0000
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.57
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7000
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.04
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	<0.01
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3000
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8000
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	3.5000
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.09
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3000
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	<0.01
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4000
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6000
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.8000
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.93
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	4.1000
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	3.8000
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2000
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3000
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6000
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	4.0000
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7000
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1000
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.4000
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.0000
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6000
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.3000
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	0.98
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	300	7.3000

Table T03a - Groundwater Analytical Results

						Phenolic Compounds														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2000
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.9000
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.0000
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5000
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	<0.01
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8000
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9000
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1000
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4000
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6000
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.2000
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0000
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5000
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0000
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6000
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.4
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	4.5000
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6000
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6000
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4000
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9000
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3000
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2000
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.64
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4000
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7000
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.5000
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Phenolic Compounds																
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Phenolic Compounds														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.86
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4000
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.02
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	3.4000
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.5000

Table T03a - Groundwater Analytical Results

							Phenolic Compounds											
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL							10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		100	100	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.3000
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		110,000.0	**50,000.0**	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	100	0.68
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.28
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.2000
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9000
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	0.78
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.48
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.1
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		29,000.0	**15,000.0**	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	500	2.7000
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.14
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		510	390	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	3.0000
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	0.8
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5000
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		91,000.0	**40,000.0**	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.9000
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0000
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4000
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.31
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1000
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1000
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1000
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3000
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.43

Table T03a - Groundwater Analytical Results

| | | |

Table T03a - Groundwater Analytical Results

						Phenolic Compounds															
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									200 [#1]			100 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	3.5
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.8
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.93
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	4.1
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	3.8
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	4.0
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.4
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.0
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	2.6
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	0.98
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	300	7.3
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.9
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	2.0
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	<0.01
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Phenolic Compounds												
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	4-Chloro-3-methylphenol	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	4,6-Dinitro-2-methylphenol	Pentachlorophenol	2,3,4,6-Tetrachlorophenol	2,4-Dinitrophenol	2-Cyclohexyl-4,6-dinitrophenol	4-Nitrophenol	Dinoseb	Tetrachlorophenols	Sum of Phenols (halogenated)	Sum of Phenols (non-halogenated)	Ammonia (as N)
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL							10	10	1	1	1	10	2	1	20	100	20	100	30	10	100	0.01
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										200 #1			100 #1									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*1,400*		*1,200*	*1.5*		*240*	*39*	*23*		*15*				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	<10	<10	<10	<30	<10	-	<30	<100	<30	<100	<30	<10	<100	1.5
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7000
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

							Nutrients													BTEX & MAH	Hydrocarbon Gases
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*0.0004*			
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	0.18	0.03	2.2000	-	-	-	-	-	2.4000	-	-	*0.06*	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	1.7000	0.02	2.5000	-	-	-	-	-	4.2000	-	-	<0.01	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	2.0000	<0.02	1.2000	-	-	-	-	-	3.2000	-	-	*0.08*	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	<0.02	<0.02	0.3	-	-	-	-	-	0.3	-	-	*0.03*	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	3.7	-	<0.02	1.5	0.59	-	4.3	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	19	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<9	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-

Table T03a - Groundwater Analytical Results

						Nutrients											BTEX & MAH	Hydrocarbon Gases
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	<6	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	0.02	<0.02	2.6000	-	-	-	-	-	2.6000	-	-	<0.01	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	0.34	<0.02	0.3	-	-	-	-	-	0.6	-	-	<0.01	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	3.7000	<0.02	1.2000	-	-	-	-	-	4.9000	-	-	<0.01	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	0.5	<0.02	4.0000	-	-	-	-	-	4.5000	-	-	<0.01	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	0.02	<0.02	5.4000	-	-	-	-	-	5.4000	-	-	<0.01	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.14	<0.02	2.4000	-	-	-	-	-	2.5000	-	-	<0.01	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.25	<0.02	0.4	-	-	-	-	-	0.7	-	-	<0.01	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	0.07	<0.02	0.6	-	-	-	-	-	0.7	-	-	<0.01	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.09	<0.02	2.0000	-	-	-	-	-	2.1000	-	-	<0.01	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.17	<0.02	0.9	-	-	-	-	-	1.1000	-	-	<0.01	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	0.02	<0.02	1.1000	-	-	-	-	-	1.1000	-	-	*0.04*	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	0.19	0.1	2.4000	-	-	-	-	-	2.7000	-	-	<0.01	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	0.12	<0.02	0.8	-	-	-	-	-	0.9	-	-	<0.01	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	0.31	0.21	0.8	-	-	-	-	-	1.3000	-	-	<0.01	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.1	<0.02	<0.2	-	-	-	-	-	<0.2	-	-	<0.01	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	2.6000	<0.02	0.5	-	-	-	-	-	3.1000	-	-	*0.06*	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	<0.02	<0.02	1.6000	-	-	-	-	-	1.6000	-	-	<0.01	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	0.05	<0.02	0.3	-	-	-	-	-	0.3	-	-	<0.01	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	0.23	<0.02	0.7	-	-	-	-	-	0.9	-	-	<0.01	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	0.33	<0.02	2.1000	-	-	-	-	-	2.4000	-	-	<0.01	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	4.4000	<0.02	0.9	-	-	-	-	-	5.3000	-	-	<0.01	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	0.46	0.02	0.6	-	-	-	-	-	1.1000	-	-	<0.01	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.2	<0.02	<0.2	-	-	-	-	-	0.2	-	-	<0.01	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	0.03	<0.02	0.5	-	-	-	-	-	0.5	-	-	<0.01	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	0.02	<0.02	<1.0000	-	-	-	-	-	<1.0000	-	-	<0.01	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	0.07	<0.02	0.7	-	-	-	-	-	0.8	-	-	<0.01	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	<0.02	<0.02	0.8	-	-	-	-	-	0.8	-	-	<0.01	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	0.03	<0.02	0.2	-	-	-	-	-	0.2	-	-	<0.01	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	5.5000	<0.02	1.8000	-	-	-	-	-	7.3000	-	-	<0.01	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	0.06	<0.02	0.3	-	-	-	-	-	0.4	-	-	<0.01	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	0.06	<0.02	0.4	-	-	-	-	-	0.5	-	-	<0.01	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	<0.02	<0.02	0.6	-	-	-	-	-	0.6	-	-	<0.01	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.03	<0.02	0.3	-	-	-	-	-	0.3	-	-	<0.01	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	0.03	<0.02	<0.2	-	-	-	-	-	<0.2	-	-	<0.01	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

										Nutrients											BTEX & MAH	Hydrocarbon Gases
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.04	<0.02	4.7000	-	-	-	-	-	4.7000	-	-	<0.01	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.68	0.03	<1.0000	-	-	-	-	-	<1.0000	-	-	*0.02*	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.24	<0.02	1.1000	-	-	-	-	-	1.3000	-	0.1	<0.01	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.04	<0.02	0.8	-	-	-	-	-	0.8	-	0.01	<0.01	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	<0.02	<0.02	1.5000	-	-	-	-	-	1.5000	-	<0.01	<0.01	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.13	<0.02	0.5	-	-	-	-	-	0.6	-	<0.01	<0.01	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	<0.02	<0.02	2.3000	-	-	-	-	-	2.3000	-	<0.01	<0.01	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.03	<0.02	0.3	-	-	-	-	-	0.3	-	<0.01	<0.01	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	<0.02	<0.02	0.7	-	-	-	-	-	0.7	-	<0.01	<0.01	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.27	<0.02	<2.0000	-	-	-	-	-	<2.0000	-	<0.01	<0.01	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	<0.02	<0.02	1.6000	-	-	-	-	-	1.6000	-	0.05	<0.01	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	0.69	<0.02	7.7000	-	-	-	-	-	8.4000	-	0.05	<0.01	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.03	<0.02	2.3000	-	-	-	-	-	2.3000	-	<0.01	<0.01	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	<0.02	<0.02	2.5000	-	-	-	-	-	2.5000	-	<0.01	<0.01	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	<0.02	<0.02	1.8000	-	-	-	-	-	1.8000	-	<0.01	<0.01	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.04	<0.02	2.7000	-	-	-	-	-	2.7000	-	<0.01	<0.01	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.81	<0.02	1.1000	-	-	-	-	-	1.9000	-	0.01	*0.02*	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.12	0.02	3.9000	-	-	-	-	-	4.0000	-	<0.01	<0.01	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.12	<0.02	2.1000	-	-	-	-	-	2.2000	-	<0.01	<0.01	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.08	<0.02	4.6000	-	-	-	-	-	4.7000	-	<0.01	<0.01	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.04	0.05	0.4	-	-	-	-	-	0.5	-	<0.01	<0.01	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	<0.02	<0.02	2.8000	-	-	-	-	-	2.8000	-	<0.01	<0.01	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.17	<0.02	<0.2	-	-	-	-	-	<0.2	-	-	<0.01	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.04	<0.02	<0.2	-	-	-	-	-	<0.2	-	-	*0.04*	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	0.05	<0.02	0.5	-	-	-	-	-	0.5	-	-	<0.01	-	-

Table T03a - Groundwater Analytical Results

						Nutrients											BTEX & MAH	Hydrocarbon Gases
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.36	<0.02	0.3	-	-	-	-	-	0.7	-	-	<0.01	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.08	<0.02	0.5	-	-	-	-	-	0.6	-	-	<0.01	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.03	<0.02	1.3000	-	-	-	-	-	1.3000	-	-	<0.01	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	<0.02	<0.02	0.8	-	-	-	-	-	0.8	-	-	<0.01	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.02	<0.02	<0.2	-	-	-	-	-	<0.2	-	-	<0.01	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.07	<0.02	0.9	-	-	-	-	-	1.0000	-	-	<0.01	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	<0.02	<0.02	2.0000	-	-	-	-	-	2.0000	-	-	*0.01*	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	<0.02	<0.02	2.1000	-	-	-	-	-	2.1000	-	-	<0.01	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.15	<0.02	0.5	-	-	-	-	-	0.7	-	-	*0.1*	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	36.0000	<0.02	4.3000	-	-	-	-	-	40.0000	-	-	<0.01	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.31	<0.02	0.7	-	-	-	-	-	1.0000	-	-	<0.01	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.03	<0.02	4.0000	-	-	-	-	-	4.0000	-	-	<0.01	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.04	<0.02	2.6000	-	-	-	-	-	2.6000	-	-	<0.01	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.02	<0.02	3.2000	-	-	-	-	-	3.2000	-	-	<0.01	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.34	<0.02	2.1000	-	-	-	-	-	2.4000	-	-	<0.01	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	0.05	<0.02	3.9000	-	-	-	-	-	3.9000	-	-	<0.01	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	1.6	-	<0.02	0.01	0.05	-	1.7	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	0.7	-	<0.02	0.67	0.02	-	0.7	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Nutrients											BTEX & MAH	Hydrocarbon Gases
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	0.2	-	<0.02	<0.01	0.81	-	1.0	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	2.4	-	<0.02	0.38	0.93	-	3.3	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	3.1	-	<0.02	1.0	0.03	-	3.1	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	3.3	-	<0.02	0.37	<0.02	-	3.3	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	3.8	-	<0.02	3.0	0.03	-	3.8	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	<0.2	-	<0.02	<0.01	0.12	-	<0.2	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	0.11	<0.02	3.0000	-	-	-	-	-	3.1000	-	-	<0.01	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	0.03	<0.02	0.8	-	-	-	-	-	0.8	-	-	*0.36*	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	0.04	<0.02	<0.2	-	-	-	-	-	<0.2	-	-	*0.17*	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.06	<0.02	1.0000	-	-	-	-	-	1.1000	-	-	*0.64*	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	0.05	<0.02	4.3000	-	-	-	-	-	4.3000	-	-	*0.26*	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.59	<0.1	2.0000	-	-	-	-	-	2.6000	-	-	<0.01	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.76	<0.1	1.3000	-	-	-	-	-	2.1000	-	-	*0.36*	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	0.05	<0.02	4.1000	-	-	-	-	-	4.1000	-	-	*0.05*	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	4.1000	<0.02	0.8	-	-	-	-	-	4.9000	-	-	*0.1*	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	0.03	<0.02	12.0000	-	-	-	-	-	12.0000	-	-	<0.01	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	0.02	<0.02	12.0000	-	-	-	-	-	12.0000	-	-	*0.16*	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.2	<0.02	0.5	-	-	-	-	-	0.7	-	-	<0.01	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	0.38	<0.02	<1.0000	-	-	-	-	-	<1.0000	-	-	<0.01	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	<0.2	<0.1	3.2000	-	-	-	-	-	3.2000	-	-	*0.01*	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	0.08	<0.02	5.1000	-	-	-	-	-	5.2000	-	-	*0.09*	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.12	<0.02	0.4	-	-	-	-	-	0.5	-	-	<0.01	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.09	<0.02	2.4000	-	-	-	-	-	2.5000	-	-	*0.01*	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.03	<0.02	1.2000	-	-	-	-	-	1.2000	-	-	<0.01	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	1.9000	<0.02	3.8000	-	-	-	-	-	5.7000	-	-	*0.4*	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.45	<0.02	2.1000	-	-	-	-	-	2.6000	-	-	<0.01	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<0.02	<0.02	1.5000	-	-	-	-	-	1.5000	-	-	*0.03*	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	5.6000	<0.02	<1.0000	-	-	-	-	-	5.6000	-	-	<0.01	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	<0.2	<0.1	10.0000	-	-	-	-	-	10.0000	-	-	<0.1	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.03	<0.02	2.7000	-	-	-	-	-	2.7000	-	-	*0.03*	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	<0.02	<0.02	6.4000	-	-	-	-	-	6.4000	-	-	*0.22*	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<0.02	<0.02	3.7000	-	-	-	-	-	3.7000	-	-	*0.02*	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<0.02	<0.02	4.1000	-	-	-	-	-	4.1000	-	-	<0.01	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.12	0.07	1.5000	-	-	-	-	-	1.7000	-	-	*0.04*	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.02	<0.02	6.4000	-	-	-	-	-	6.4000	-	-	<0.01	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	<0.02	<0.02	5.9000	-	-	-	-	-	5.9000	-	-	*0.05*	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	<0.02	0.02	6.9000	-	-	-	-	-	6.9000	-	-	*0.02*	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	0.19	<0.02	2.9000	-	-	-	-	-	3.1000	-	-	*0.21*	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	7.8000	3.0000	4.6000	-	-	-	-	-	16.0000	-	-	*0.14*	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	0.05	<0.02	6.4000	-	-	-	-	-	6.5000	-	-	*0.17*	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	0.1	<0.02	2.8000	-	-	-	-	-	2.9000	-	-	*0.15*	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	0.1	<0.02	3.0000	-	-	-	-	-	3.1000	-	-	*0.25*	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	<0.02	0.05	1.2000	-	-	-	-	-	1.3000	-	-	*0.3*	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	0.04	<0.02	0.5	-	-	-	-	-	0.5	-	-	*0.12*	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	0.02	<0.02	4.1000	-	-	-	-	-	4.1000	-	-	*0.22*	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	0.06	<0.02	8.6000	-	-	-	-	-	8.7000	-	-	*0.24*	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	<0.02	<0.02	1.9000	-	-	-	-	-	1.9000	-	-	*0.02*	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	0.04	<0.02	1.5000	-	-	-	-	-	1.5000	-	-	<0.1	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	<0.02	<0.02	16.0000	-	-	-	-	-	16.0000	-	-	*0.17*	-	-

Table T03a - Groundwater Analytical Results

						Nutrients														BTEX & MAH	Hydrocarbon Gases
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<0.02	<0.02	0.8	-	-	-	-	-	0.8	-	-	*0.02*	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	<0.02	<0.02	1.2000	-	-	-	-	-	1.2000	-	-	*0.03*	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	0.03	<0.02	2.1000	-	-	-	-	-	2.1000	-	-	<0.01	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	0.04	<0.02	2.7000	-	-	-	-	-	2.7000	-	-	*0.02*	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	0.04	<0.02	2.1000	-	-	-	-	-	2.1000	-	-	*0.02*	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	0.04	<0.02	6.3000	-	-	-	-	-	6.3000	-	-	*0.02*	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.12	<0.02	0.5	-	-	-	-	-	0.6	-	-	<0.01	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.22	<0.02	0.4	-	-	-	-	-	0.6	-	-	*0.036*	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.28	<0.02	0.6	-	-	-	-	-	0.9	-	-	<0.01	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	<0.02	<0.02	4.8000	-	-	-	-	-	4.8000	-	-	*0.03*	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	0.19	<0.02	6.2000	-	-	-	-	-	6.4000	-	-	*0.07*	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	0.02	<0.02	2.2000	-	-	-	-	-	2.2000	-	-	*0.13*	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	0.18	<0.02	6.9000	-	-	-	-	-	7.1000	-	-	*0.18*	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.04	<0.02	3.7000	-	-	-	-	-	3.7000	-	-	*0.03*	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	0.11	<0.02	3.5000	-	-	-	-	-	3.6000	-	-	*0.44*	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	<0.02	<0.02	1.4000	-	-	-	-	-	1.4000	-	-	*0.02*	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	0.02	<0.02	2.6000	-	-	-	-	-	2.6000	-	-	*0.19*	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	<0.02	<0.02	9.1000	-	-	-	-	-	9.1000	-	-	*0.02*	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	<0.02	<0.02	7.9000	-	-	-	-	-	7.9000	-	-	<0.01	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	1.4000	<0.02	0.5	-	-	-	-	-	1.9000	-	-	*0.04*	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	<0.02	<0.02	4.9000	-	-	-	-	-	4.9000	-	-	*0.4*	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	0.03	<0.02	6.9000	-	-	-	-	-	6.9000	-	-	*0.02*	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	<0.02	<0.02	0.8	-	-	-	-	-	0.8	-	-	*0.02*	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	<0.2	<0.1	6.7000	-	-	-	-	-	6.7000	-	-	*0.1*	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	0.2	<0.02	3.2000	-	-	-	-	-	3.4000	-	-	*0.04*	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	0.43	<0.02	6.2000	-	-	-	-	-	6.6000	-	-	*0.07*	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.23	<0.02	0.8	-	-	-	-	-	1.0000	-	-	*0.27*	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	2.1000	0.24	1.5000	-	-	-	-	-	3.8000	-	-	*0.13*	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	0.06	<0.02	8.9000	-	-	-	-	-	9.0000	-	-	*0.11*	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	<0.02	<0.02	1.8000	-	-	-	-	-	1.8000	-	-	*0.02*	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	0.03	<0.02	2.2000	-	-	-	-	-	2.2000	-	-	*0.04*	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	0.02	<0.02	1.1000	-	-	-	-	-	1.1000	-	-	<0.01	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.23	<0.02	2.3000	-	-	-	-	-	2.5000	-	-	*0.23*	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	0.05	<0.02	4.3000	-	-	-	-	-	4.3000	-	-	*0.03*	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	0.04	<0.02	2.7000	-	-	-	-	-	2.7000	-	-	*0.01*	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	0.04	<0.02	4.3000	-	-	-	-	-	4.3000	-	-	*0.06*	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Nutrients											BTEX & MAH	Hydrocarbon Gases
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	04 Nov 2024	PP11	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	04 Nov 2024	PP12	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	04 Nov 2024	PP13	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	04 Nov 2024	PU01	Normal	DU17	Former Fuel Refinery	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	04 Nov 2024	PU02	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	04 Nov 2024	PU03	Normal	DU17	Former Fuel Refinery	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	04 Nov 2024	PU04	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	04 Nov 2024	PU05	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	04 Nov 2024	PU06	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	04 Nov 2024	PU07	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	04 Nov 2024	PU08	Normal	DU17	Former Fuel Refinery	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	04 Nov 2024	PU09	Normal	DU17	Former Fuel Refinery	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	11 Nov 2024	PU10	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	05 Nov 2024	PU100	Normal	DU17	Former Fuel Refinery	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	05 Nov 2024	PU101	Normal	DU17	Former Fuel Refinery	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	05 Nov 2024	PU102	Normal	DU17	Former Fuel Refinery	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	05 Nov 2024	PU103	Normal	DU17	Former Fuel Refinery	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	05 Nov 2024	PU104	Normal	DU17	Former Fuel Refinery	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	05 Nov 2024	PU105	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	05 Nov 2024	PU108	Normal	DU17	Former Fuel Refinery	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	05 Nov 2024	PU109	Normal	DU17	Former Fuel Refinery	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	05 Nov 2024	PU109	Normal	DU17	Former Fuel Refinery	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	05 Nov 2024	PU109	Normal	DU17	Former Fuel Refinery	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	11 Nov 2024	PU11	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	05 Nov 2024	PU110	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	05 Nov 2024	PU111	Normal	DU17	Former Fuel Refinery	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	11 Nov 2024	PU12	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	11 Nov 2024	PU13	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	11 Nov 2024	PU14	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	11 Nov 2024	PU15	Normal	DU17	Former Fuel Refinery	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	08 Nov 2024	PU16	Normal	DU17	Former Fuel Refinery	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	06 Nov 2024	PU17	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	06 Nov 2024	PU18	Normal	DU17	Former Fuel Refinery	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	06 Nov 2024	PU19	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	06 Nov 2024	PU20	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	08 Nov 2024	PU21	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	08 Nov 2024	PU22	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	08 Nov 2024	PU23	Normal	DU17	Former Fuel Refinery	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	08 Nov 2024	PU24	Normal	DU17	Former Fuel Refinery	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	08 Nov 2024	PU25	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	08 Nov 2024	PU26	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	08 Nov 2024	PU27	Normal	DU17	Former Fuel Refinery	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	08 Nov 2024	PU28	Normal	DU17	Former Fuel Refinery	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	08 Nov 2024	PU29	Normal	DU17	Former Fuel Refinery	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	11 Nov 2024	PU30	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	04 Nov 2024	PU59	Normal	DU17	Former Fuel Refinery	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	04 Nov 2024	PU60	Normal	DU17	Former Fuel Refinery	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	04 Nov 2024	PU61	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	08 Nov 2024	PU62	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	08 Nov 2024	PU63	Normal	DU17	Former Fuel Refinery	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	08 Nov 2024	PU64	Normal	DU17	Former Fuel Refinery	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	08 Nov 2024	PU78	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	08 Nov 2024	PU79	Normal	DU17	Former Fuel Refinery	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	08 Nov 2024	PU80	Normal	DU17	Former Fuel Refinery	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Nutrients														BTEX & MAH	Hydrocarbon Gases
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
						µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																			*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	0.12	<0.02	0.9	-	-	-	-	-	1.0000	-	-	*0.03*	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	0.63	<0.1	1.8000	-	-	-	-	-	2.4000	-	-	<0.01	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<0.02	<0.02	1.3000	-	-	-	-	-	1.3000	-	-	*0.05*	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<0.2	<0.1	3.0000	-	-	-	-	-	3.0000	-	-	*0.1*	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<0.02	<0.02	5.5000	-	-	-	-	-	5.5000	-	-	*0.08*	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	4.3000	0.04	9.2000	-	-	-	-	-	14.0000	-	-	<0.01	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	0.03	<0.02	4.6000	-	-	-	-	-	4.6000	-	-	*0.01*	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	0.2	<0.02	1.6000	-	-	-	-	-	1.8000	-	-	*0.08*	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	5.3000	0.03	1.8000	-	-	-	-	-	7.1000	-	-	*0.02*	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	0.05	<0.02	0.4	-	-	-	-	-	0.4	-	-	<0.01	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	0.05	<0.02	6.7000	-	-	-	-	-	6.7000	-	-	*0.03*	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	<0.02	<0.02	0.6	-	-	-	-	-	0.6	-	-	<0.01	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<0.02	<0.02	0.6	-	-	-	-	-	0.6	-	-	<0.01	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	<0.02	<0.02	3.2000	-	-	-	-	-	3.2000	-	-	<0.01	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	<0.02	<0.02	0.9	-	-	-	-	-	0.9	-	-	*0.02*	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	0.4	-	<0.02	0.02	0.07	-	0.5	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	1.1	-	0.02	0.37	0.03	-	1.1	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	1.6	-	0.07	0.62	2.1	-	3.7	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	0.9	-	<0.02	0.25	0.03	-	0.9	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	2.2	-	0.07	0.57	0.15	-	2.4	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	2.3	-	<0.02	1.6	0.03	-	2.3	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	0.5	-	<0.02	<0.01	0.17	-	0.7	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	0.7	-	<0.02	0.39	<0.02	-	0.7	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	0.06	<0.02	0.4	-	-	-	-	-	0.5	-	-	*0.59*	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	<0.02	<0.02	4.4000	-	-	-	-	-	4.4000	-	-	*0.21*	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	0.02	<0.02	2.5000	-	-	-	-	-	2.5000	-	-	<0.01	-	-

Table T03a - Groundwater Analytical Results

							Nutrients										BTEX & MAH	Hydrocarbon Gases
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		100	100	<0.02	<0.02	2.8000	-	-	-	-	-	2.8000	-	-	*0.01*	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		110,000.0	**50,000.0**	0.02	<0.02	1.0000	-	-	-	-	-	1.0000	-	-	*0.02*	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	0.1	<0.02	12.0000	-	-	-	-	-	12.0000	-	-	*0.02*	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<0.02	<0.02	2.0000	-	-	-	-	-	2.0000	-	-	<0.01	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		660	520	<0.02	<0.02	3.1000	-	-	-	-	-	3.1000	-	-	<0.01	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		61,000.0	**27,000.0**	<0.02	<0.02	2.1000	-	-	-	-	-	2.1000	-	-	*0.01*	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<0.02	<0.02	1.0000	-	-	-	-	-	1.0000	-	-	<0.01	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	0.1	<0.02	0.8	-	-	-	-	-	0.9	-	-	<0.01	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<0.02	<0.02	1.4000	-	-	-	-	-	1.4000	-	-	<0.01	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	0.78	<0.02	0.5	-	-	-	-	-	1.3000	-	-	*0.2*	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		29,000.0	**15,000.0**	0.02	<0.02	3.9000	-	-	-	-	-	3.9000	-	-	*0.05*	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	0.79	0.03	<0.2	-	-	-	-	-	0.8	-	-	*0.27*	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		510	390	0.1	<0.02	3.7000	-	-	-	-	-	3.8000	-	-	*0.11*	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	<0.02	<0.02	1.2000	-	-	-	-	-	1.2000	-	-	*0.23*	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		280	280	<0.02	<0.02	1.9000	-	-	-	-	-	1.9000	-	-	*0.12*	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		91,000.0	**40,000.0**	0.02	<0.02	6.3000	-	-	-	-	-	6.3000	-	-	*0.75*	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		170	170	<0.02	<0.02	3.8000	-	-	-	-	-	3.8000	-	-	*0.04*	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	0.8	-	<0.02	0.56	0.02	-	0.8	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	0.5	-	<0.02	0.10	0.03	-	0.5	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	0.5	-	<0.02	0.10	0.08	-	0.6	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	1.3	-	<0.02	0.77	<0.02	-	1.3	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	0.3	-	<0.02	<0.01	<0.02	-	0.3	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	0.3	-	<0.02	0.10	0.06	-	0.4	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	1.0	-	<0.02	0.59	<0.02	-	1.0	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	0.02	<0.02	0.8	-	-	-	-	-	0.8	-	-	*0.04*	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	0.02	<0.02	1.8000	-	-	-	-	-	1.8000	-	-	*0.17*	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.03	<0.02	4.4000	-	-	-	-	-	4.4000	-	-	*0.27*	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	0.04	<0.02	2.9000	-	-	-	-	-	2.9000	-	-	*0.5*	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.27	<0.02	4.2000	-	-	-	-	-	4.5000	-	-	<0.01	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.04	<0.02	1.5000	-	-	-	-	-	1.5000	-	-	*0.01*	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.77	0.05	1.9000	-	-	-	-	-	2.7000	-	-	<0.01	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<0.02	<0.02	2.8000	-	-	-	-	-	2.8000	-	-	*0.01*	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.03	<0.02	1.8000	-	-	-	-	-	1.8000	-	-	<0.01	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<0.02	<0.02	0.5	-	-	-	-	-	0.5	-	-	<0.01	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.47	<0.02	1.0000	-	-	-	-	-	1.5000	-	-	*0.02*	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<0.02	<0.02	1.1000	-	-	-	-	-	1.1000	-	-	<0.01	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.08	<0.02	12.0000	-	-	-	-	-	12.0000	-	-	<0.01	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<0.02	<0.02	2.4000	-	-	-	-	-	2.4000	-	-	*0.01*	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.04	<0.02	1.2000	-	-	-	-	-	1.2000	-	-	<0.01	-	-

Table T03a - Groundwater Analytical Results

											Nutrients								BTEX & MAH	Hydrocarbon Gases
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.6	<0.02	<0.2	-	-	-	-	-	0.6	-	-	*0.01*	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.34	<0.02	2.1000	-	-	-	-	-	2.4000	-	-	*0.012*	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.53	<0.02	18.0000	-	-	-	-	-	19.0000	-	-	*0.059*	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.12	<0.02	0.8	-	-	-	-	-	0.9	-	-	*0.1*	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<0.02	<0.02	0.9	-	-	-	-	-	0.9	-	-	<0.01	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.24	<0.02	1.1000	-	-	-	-	-	1.3000	-	-	*0.02*	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		630	610	0.04	<0.02	2.3000	-	-	-	-	-	2.3000	-	-	<0.01	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	1.4000	<0.02	0.3	-	-	-	-	-	1.7000	-	-	<0.01	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		16,000.0	**8,000.0**	0.02	<0.02	1.5000	-	-	-	-	-	1.5000	-	-	<0.01	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		210	200	0.03	<0.02	1.4000	-	-	-	-	-	1.4000	-	-	<0.01	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.05	<0.02	0.8	-	-	-	-	-	0.8	-	-	<0.01	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	6.5000	<0.02	1.4000	-	-	-	-	-	7.9000	-	-	*0.07*	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<0.02	<0.02	0.2	-	-	-	-	-	0.2	-	-	*0.07*	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,000.0	780	<0.02	<0.02	1.6000	-	-	-	-	-	1.6000	-	-	<0.01	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	1.3000	<0.02	1.4000	-	-	-	-	-	2.7000	-	-	*0.02*	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.04	<0.02	0.7	-	-	-	-	-	0.7	-	-	<0.01	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.28	<0.02	2.2000	-	-	-	-	-	2.5000	-	-	*0.35*	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		400	300	<0.02	<0.02	1.4000	-	-	-	-	-	1.4000	-	-	*0.2*	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	0.53	<0.02	2.0000	-	-	-	-	-	2.5000	-	-	*0.17*	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	<0.02	<0.02	1.2000	-	-	-	-	-	1.2000	-	-	*0.15*	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	<0.02	0.74	0.15	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		60	60	-	-	-	-	<0.02	1.7	<0.02	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		80	70	-	-	-	-	<0.02	2.2	0.02	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		110	110	-	-	-	-	<0.02	2.1	<0.02	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		30	30	-	-	-	-	-	0.54	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	0.03	0.71	0.05	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	2.8	-	<0.02	1.5	<0.02	-	2.8	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	1.4	-	<0.02	0.41	<0.02	-	1.4	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	<0.02	1.1	0.04	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	<0.02	3.5	<0.02	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	<0.02	0.81	0.04	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	<0.02	<0.01	<0.02	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	<0.02	0.72	0.04	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	7.2	-	<0.02	0.11	<0.02	-	7.2	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	11	-	<0.02	3.2	0.06	-	11	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	<0.02	0.13	0.19	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	<0.02	0.57	0.02	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		500	440	-	-	-	-	0.02	0.67	0.07	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	<0.02	<0.01	0.57	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		12,000.0	**7,000.0**	-	-	-	-	<0.02	0.62	0.03	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		180	180	-	-	-	-	<0.02	0.41	0.03	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**		270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Nutrients										BTEX & MAH	Hydrocarbon Gases
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
							µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													30 [#1]		500 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	<0.02	0.03	0.02	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,100.0	880	-	-	-	-	<0.02	0.77	0.02	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	0.97	1.4	20	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	0.12	<0.02	0.4	-	-	-	-	0.12	0.5	<0.01	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	0.09	<0.02	2.4	-	-	-	-	0.09	2.5	0.01	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	<0.02	<0.02	1.5	-	-	-	-	<0.05	1.5	0.03	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	<0.02	<0.02	3.7	-	-	-	-	<0.05	3.7	0.02	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	<0.02	<0.02	4.1	-	-	-	-	<0.05	4.1	<0.01	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	0.12	0.07	1.5	-	-	-	-	0.19	1.7	0.04	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	0.02	<0.02	6.4	-	-	-	-	<0.05	6.4	<0.01	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,500.0	1,500.0	<0.02	<0.02	5.9	-	-	-	-	<0.05	5.9	0.05	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		740	740	<0.02	0.02	6.9	-	-	-	-	<0.05	6.9	0.02	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		130	130	7.8	3.0	4.6	-	-	-	-	11.0000	16	0.14	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		15,000.0	**9,200.0**	0.05	<0.02	6.4	-	-	-	-	0.05	6.5	0.17	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		480	480	0.10	<0.02	3.0	-	-	-	-	0.1	3.1	0.25	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,000.0	1,800.0	<0.02	0.05	1.2	-	-	-	-	0.06	1.3	0.30	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	0.04	<0.02	0.5	-	-	-	-	<0.05	0.5	0.12	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	40	0.02	<0.02	4.1	-	-	-	-	<0.05	4.1	0.22	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		310	310	0.06	<0.02	8.6	-	-	-	-	0.06	8.7	0.24	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	0.04	<0.02	1.5	-	-	-	-	<0.05	1.5	<0.1	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	80	<0.02	<0.02	16	-	-	-	-	<0.05	16	0.17	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	0.04	<0.02	2.7	-	-	-	-	<0.05	2.7	0.02	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	0.04	<0.02	2.1	-	-	-	-	<0.05	2.1	0.02	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	780	0.04	<0.02	6.3	-	-	-	-	<0.05	6.3	0.02	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	0.12	<0.02	0.5	-	-	-	-	0.12	0.6	<0.01	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Nutrients								BTEX & MAH	Hydrocarbon Gases
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Nitrate (as N)	Nitrite (as N)	Total Kjeldahl Nitrogen	Nitrite + Nitrate as N	Nitrite (as NO2)	Ammonia (as NH3)	Nitrate (as NO3-)	Nitrate & Nitrite (as N)	Total Nitrogen	Total Phosphorus as P (filtered)	Reactive Phosphorus as P (Orthophosphate as P)	Total Phosphorus	BTEX (Sum of Total) - Calc	Methane
	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL	10	10	0.01	0.01	0.2	0.01	0.02	0.01	0.02	0.05	0.1	0.01	0.01	0.01		10
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters							30 #1		500 #1							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3															
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL															
USEPA RSLs Tapwater THQ=1.0 (May 2024)														*0.0004*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	<0.02	<0.02	9.1	-	-	-	-	<0.05	9.1	0.02	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	<0.02	<0.02	7.9	-	-	-	-	<0.05	7.9	<0.01	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	1.4	<0.02	0.5	-	-	-	-	1.4000	1.9	0.04	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	0.04	<0.02	4.3	-	-	-	-	<0.05	4.3	0.06	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	<0.02	<0.02	1.7000	-	-	-	-	-	1.7000	-	-	*0.05*	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	2.1	-	<0.02	0.57	0.05	-	2.2	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

								TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
						µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025d_PMW21	05 Aug 2024	PMW21	Normal	DU17	Administration Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	05 Aug 2024	PMW22	Normal	DU17	Administration Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	05 Aug 2024	PMW65	Normal	DU17	Administration Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	05 Aug 2024	PMW66	Normal	DU17	Administration Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	04 Nov 2024	PMW21	Normal	DU17	Administration Area	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	04 Nov 2024	PMW22	Normal	DU17	Administration Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	04 Nov 2024	PMW65	Normal	DU17	Administration Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	04 Nov 2024	PMW66	Normal	DU17	Administration Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	25 Nov 2015	OMW01_01	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	12 Feb 2016	OMW01_02	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	09 May 2016	OMW01_03	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	25 Nov 2015	OMW02_01	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	12 Feb 2016	OMW02_02	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	09 May 2016	OMW02_03	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	25 Nov 2015	OMW03_01	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	12 Feb 2016	OMW03_02	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	09 May 2016	OMW03_03	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	25 Nov 2015	OMW04_01	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	12 Feb 2016	OMW04_02	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	09 May 2016	OMW04_03	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	25 Nov 2015	OMW05_01	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	12 Feb 2016	OMW05_02	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	09 May 2016	OMW05_03	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	25 Nov 2015	OMW06_01	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	12 Feb 2016	OMW06_02	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	09 May 2016	OMW06_03	Normal	DU15	DU02	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	20 Apr 2016	FTA-MW01	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	12 Aug 2019	FTA-MW01	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	13 Aug 2020	FTA-MW01	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	05 Feb 2021	FTA-MW01	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	20 Apr 2016	FTA-dup01201604	Field_D	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	20 Apr 2016	FTA-MW02	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	12 Aug 2019	FTA-MW02	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	13 Aug 2020	FTA-MW02	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	05 Feb 2021	FTA-MW02	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	06 Aug 2021	FTA-MW02	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	20 Apr 2016	FTA-MW03	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	12 Aug 2019	FTA-MW03	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	13 Aug 2020	FTA-MW03	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	05 Feb 2021	FTA-MW03	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	06 Aug 2021	FTA-MW03	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	20 Apr 2016	FTA-MW04	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	12 Aug 2019	FTA-MW04	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	13 Aug 2020	FTA-MW04	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	05 Feb 2021	FTA-MW04	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	02 Nov 2023	FTA-MW06	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	11 May 2016	PP17	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	10 Nov 2016	PP17	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	09 May 2017	PP17	Normal	DU14	DU14	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	07 Nov 2017	PP17	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	04 May 2018	PP17	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	06 Aug 2018	PP17	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	07 Nov 2018	PP17	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	08 Feb 2019	PP17	Normal	DU14	DU14	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
								µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL								10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL					NL | NL | NL							
USEPA RSLs Tapwater THQ=1.0 (May 2024)																						
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**			20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**			57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**			140	140	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**			1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**			5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**			7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**			19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**			21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**			1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**			290	290	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**			7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**			9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**			27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**			29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**			31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**			6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**			52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**			8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**			3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**			19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**			13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**			4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**			7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**			7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**			45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**			120	60	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**			21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**			260	260	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**			250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**			2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
						µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
							µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL							10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL					NL | NL | NL							
USEPA RSLs Tapwater THQ=1.0 (May 2024)																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
						µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
						µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)		
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons	
						µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	
EQL						10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001	
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table T03a - Groundwater Analytical Results

								TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
						µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	3.8000	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

			TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
	µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL	10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)															

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone															
WSP2025d_PMW23	07 Aug 2024	PMW23	Normal	DU17	North Eastern Tank Farm	100	100	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	07 Aug 2024	PMW25	Normal	DU17	North Eastern Tank Farm	110,000.0	**50,000.0**	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	07 Aug 2024	PMW26	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	1.3000	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	07 Aug 2024	PMW27	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	3.4000	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	07 Aug 2024	PMW34	Normal	DU17	North Eastern Tank Farm	660	520	-	-	7.5000	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	07 Aug 2024	PMW36	Normal	DU17	North Eastern Tank Farm	61,000.0	**27,000.0**	-	-	17.0000	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	07 Aug 2024	PMW48	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	07 Aug 2024	PMW62	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	1.1000	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	07 Aug 2024	PMW63	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	1.5000	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	07 Aug 2024	PU37	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	07 Aug 2024	PU38	Normal	DU17	North Eastern Tank Farm	29,000.0	**15,000.0**	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	07 Aug 2024	PU39	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	07 Aug 2024	PU40	Normal	DU17	North Eastern Tank Farm	510	390	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	07 Aug 2024	PU41	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	07 Aug 2024	PU43	Normal	DU17	North Eastern Tank Farm	280	280	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	07 Aug 2024	PU44	Normal	DU17	North Eastern Tank Farm	91,000.0	**40,000.0**	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	07 Aug 2024	PU45	Normal	DU17	North Eastern Tank Farm	170	170	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	06 Nov 2024	PMW04	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	06 Nov 2024	PMW23	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	06 Nov 2024	PMW25	Normal	DU17	North Eastern Tank Farm	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	06 Nov 2024	PMW26	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	06 Nov 2024	PMW27	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	06 Nov 2024	PMW34	Normal	DU17	North Eastern Tank Farm	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	06 Nov 2024	PMW36	Normal	DU17	North Eastern Tank Farm	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	06 Nov 2024	PMW48	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	06 Nov 2024	PMW62	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	06 Nov 2024	PMW63	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	06 Nov 2024	PMW63	Normal	DU17	North Eastern Tank Farm	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	06 Nov 2024	PMW63	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	06 Nov 2024	PU37	Normal	DU17	North Eastern Tank Farm	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	06 Nov 2024	PU38	Normal	DU17	North Eastern Tank Farm	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	06 Nov 2024	PU39	Normal	DU17	North Eastern Tank Farm	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	06 Nov 2024	PU40	Normal	DU17	North Eastern Tank Farm	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	06 Nov 2024	PU41	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	06 Nov 2024	PU41	Normal	DU17	North Eastern Tank Farm	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	06 Nov 2024	PU41	Normal	DU17	North Eastern Tank Farm	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	06 Nov 2024	PU43	Normal	DU17	North Eastern Tank Farm	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	06 Nov 2024	PU44	Normal	DU17	North Eastern Tank Farm	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	06 Nov 2024	PU45	Normal	DU17	North Eastern Tank Farm	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	13 Aug 2024	AMW01	Normal	DU17	North Western Tank Farm	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	13 Aug 2024	AMW02	Normal	DU17	North Western Tank Farm	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	13 Aug 2024	AMW04	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	13 Aug 2024	AMW05	Normal	DU17	North Western Tank Farm	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	08 Aug 2024	AMW06	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	07 Aug 2024	PMW16	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	07 Aug 2024	PMW37	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	07 Aug 2024	PMW45	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	07 Aug 2024	PMW46	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	07 Aug 2024	PMW47	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	09 Aug 2024	PMW68	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	08 Aug 2024	PMW69	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	08 Aug 2024	PMW70	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	07 Aug 2024	PMW71	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	07 Aug 2024	PMW73	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

			TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
	µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL	10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters															
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)															
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	7.6	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	2.9	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	5.1	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	4.0	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	4.6	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	0.7	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	8.2	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	19	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	11	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	<0.5	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
						µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL						10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					NL | NL | NL								
USEPA RSLs Tapwater THQ=1.0 (May 2024)																				
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	<0.5	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	8.2	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	20	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.1	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.0	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.2	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.4	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	6.1	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.6	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.0	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	7.1	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	7.5	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	7.7	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	7.2	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	7.5	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	7.2	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	7.2	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	7.6	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	7.4	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	7.5	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	11	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	7.0	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	6.8	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	6.7	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.0	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

				TRH - Product Identification	Field	Ferrous/Ferric Iron	Total Recoverable Hydrocarbons - Silica Gel					Total Petroleum Hydrocarbons - Silica Gel				PAH/Phenols (SIM)
				C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Typed Report required	pH	Ferrous Iron	>C10-C16 fraction (Silica Gel)	>C10-C16 (minus Naphthalene)(F2) (Silica Gel)	>C16-C34 fraction (Silica Gel)	>C34-C40 fraction (Silica Gel)	>C10-C40 fraction (sum) (Silica Gel)	C10-C14 fraction (Silica Gel)	C15-C28 fraction (Silica Gel)	C29-C36 fraction (Silica Gel)	C10-C36 fraction (sum)(Silica Gel)	Sum of polycyclic aromatic hydrocarbons
				µg/L	µg/L	µg/L	pH units	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL				10	10	1	0.1	0.05	100	100	100	100	100	50	100	50	50	0.001
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand					6,000 | 6,000 | 7,000 #3													
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand					NL | NL | NL					NL | NL | NL							
USEPA RSLs Tapwater THQ=1.0 (May 2024)																		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	7.2	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	7.5	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	8.9	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	7.5	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

							Bulk Organics		Polychlorinated Biphenyls										
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
							µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Bulk Organics		Polychlorinated Biphenyls											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Bulk Organics		Polychlorinated Biphenyls										
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
							µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Bulk Organics		Polychlorinated Biphenyls											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [83]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Bulk Organics		Polychlorinated Biphenyls											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Bulk Organics		Polychlorinated Biphenyls										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Bulk Organics		Polychlorinated Biphenyls											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Bulk Organics		Polychlorinated Biphenyls											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Bulk Organics		Polychlorinated Biphenyls											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Bulk Organics		Polychlorinated Biphenyls											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
						µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Bulk Organics		Polychlorinated Biphenyls										
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Biological Oxygen Demand	Chemical Oxygen Demand	Polychlorinated Biphenyls	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	1,1-dichloroethane (SIM)	1,2-dichloroethane (SIM)	cis-1,2-dichloroethene (SIM)	Dichloromethane (SIM)
							µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	2	10	1	2	2	2	2	2	2	2	0.01	0.01	0.01	0.02
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.044*	*0.22*	*0.0047*	*0.0047*	*0.0078*	*0.0078*	*0.0078*	*0.0078*			*25*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	1.5	0.60	3.3	12
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	4.0	1.5	140	8.9
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	2.5	1.5	11	8.3
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	1.4	3.1	5.3	2.2
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	0.30	1.4	28	8.5
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	1.2	1.5	4.2	9.1
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	12	1.4	790	9.8
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	12	6.4	23	<0.02
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		360	360	-	-	-	-	-	-	-	-	-	-	4.6	4.8	47	5.9
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		400	400	-	-	-	-	-	-	-	-	-	-	12	3.8	100	8.5
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	<0.01	1.0	88	5.1
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	2.7	10	71	8.1
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	3.6	2.4	73	1.8
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		20	20	-	-	-	-	-	-	-	-	-	-	2.1	1.6	5.3	14
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	0.40	1.7	480	5.1
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		440	440	-	-	-	-	-	-	-	-	-	-	1.1	1.0	11	10
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	1.1	1.6	5.3	5.3
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	30	-	-	-	-	-	-	-	-	-	-	1.9	19	9.2	6.4
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	40	-	-	-	-	-	-	-	-	-	-	3.1	23	9.6	<0.02
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	2.3	<0.01	3.0	1.6
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	23	1.3	340	5.7
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	0.90	1.5	110	7.6
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	1.4	0.80	4.6	7.6

Table T03a - Groundwater Analytical Results

					Bulk Organics		Polychlorinated Biphenyls											

Table T03a - Groundwater Analytical Results

								Chlorinated Hydrocarbons								Sulfonated Compounds						
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
								µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL								10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																			50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**			20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Chlorinated Hydrocarbons								Sulfonated Compounds						
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
							µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																		50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Chlorinated Hydrocarbons									Sulfonated Compounds						
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
							µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																		50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds			
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds			
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds							
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Chlorinated Hydrocarbons										Sulfonated Compounds						
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
						µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																	50 [#1]	300 [#1]	100 [#1]	5 [#1]	20 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								-	*0.49*	-	*4.1 [#6]*	*3.3 [#6]*		*32 [#6]*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	7.9	0.0023	3.2	-	-	-	-	31	<1	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	4.7	0.002	260	-	-	-	-	160	<1	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	3.6	0.0016	<0.05	-	-	-	-	69	<1	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	3.9	0.0026	<0.05	-	-	-	-	25	<1	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	4.5	0.0024	1.9	-	-	-	-	48	<1	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	4.0	0.0021	8.8	-	-	-	-	27	<1	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	30	0.033	64	-	-	-	-	870	<1	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	7.0	0.0073	14	-	-	-	-	53	<1	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	3.1	0.0021	8.5	-	-	-	-	110	<1	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	3.5	0.0083	130	-	-	-	-	170	<1	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	20	0.0073	<0.05	-	-	-	-	180	<10	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	5.6	0.0031	27	-	-	-	-	300	<10	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	6.0	0.0034	29	-	-	-	-	230	<10	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	7.6	0.0022	1.8	-	-	-	-	37	<1	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	20	0.12	120	-	-	-	-	640	<1	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	9.9	0.0026	33	-	-	-	-	110	1	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	8.5	0.0036	<0.05	-	-	-	-	31	<1	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	8.7	0.0028	49	-	-	-	-	54	1	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	6.6	0.0028	110	-	-	-	-	51	1	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	3.2	0.002	0.90	-	-	-	-	24	<1	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	5.9	0.029	94	-	-	-	-	390	<1	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	5.1	0.002	4.4	-	-	-	-	130	<1	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	4.4	0.0021	0.60	-	-	-	-	25	<1	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Chlorinated Hydrocarbons					Sulfonated Compounds						
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Tetrachloroethene (SIM)	Trichloroethene (SIM)	Vinyl chloride (SIM)	Hexachlorocyclopentadiene	Hexachloroethane	Hexachloropropene	Pentachlorobenzene	Other chlorinated hydrocarbons (sum)	Carbon disulfide	Mevinphos (Phosdrin)	Azinphos Methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos
							µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.02	0.00001	0.05	10	2	2	2	5	1	0.2	0.2	0.2	0.5	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																		50 #1	300 #1	100 #1	5 #1	20 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									-	*0.49*	-	*4.1 #6*	*3.3 #6*		*32 #6*		*810*					
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,300.0	2,300.0	21	0.017	6.1	-	-	-	-	3,600.0	<1	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	90	6.0	0.0033	31	-	-	-	-	550	<1	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	6.2	0.0027	13	-	-	-	-	48	<1	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		330	330	4.5	0.018	98	-	-	-	-	110	<10	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)								
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

														Organophosphorus Pesticides (OP)									
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)							
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)								
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)								
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

														Organophosphorus Pesticides (OP)									
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)								
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)								
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**		410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**		990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**		320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**		3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**		170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)								
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

															Organophosphorus Pesticides (OP)								
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**		270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Organophosphorus Pesticides (OP)											
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL								10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]				40 [#1]	50 [#1]	70 [#1]	40 [#1]	40 [#1]	5 [#1]	70 [#1]	70 [#1]	700 [#1]	60 [#1]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**			1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**			170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**			40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Organophosphorus Pesticides (OP)										
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-S-methyl	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Fenamiphos	Fenitrothion	Fenthion	Malathion	Methidathion
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL								10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 #1				40 #1	50 #1	70 #1	40 #1	40 #1	5 #1	70 #1	70 #1	700 #1	60 #1
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*120*												
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**			330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)						*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone															
WSP2025d_OMW05	06 Aug 2024	OMW05	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	06 Aug 2024	OMW06	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	06 Aug 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	06 Aug 2024	OMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	06 Aug 2024	OMW11	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	06 Aug 2024	OMW12	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	12 Aug 2024	PMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	12 Aug 2024	PMW30	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	12 Aug 2024	PMW38	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	12 Aug 2024	PMW41	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	12 Aug 2024	PMW42	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	12 Aug 2024	PMW49	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	12 Aug 2024	PMW50	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	12 Aug 2024	PMW51	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	12 Aug 2024	PMW53	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	12 Aug 2024	PMW57	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	11 Nov 2024	BP01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	11 Nov 2024	CLOR1	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	04 Nov 2024	CMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	04 Nov 2024	CMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	04 Nov 2024	CMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	04 Nov 2024	CMW04	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	04 Nov 2024	CMW06	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	04 Nov 2024	CMW08	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	04 Nov 2024	CMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	04 Nov 2024	CMW11	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	04 Nov 2024	CMW12	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	04 Nov 2024	CMW14	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	04 Nov 2024	CMW15	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	04 Nov 2024	CMW16	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	04 Nov 2024	CMW19	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	04 Nov 2024	CMW22	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	04 Nov 2024	CMW29	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	04 Nov 2024	CMW30	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	04 Nov 2024	CMW31	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	04 Nov 2024	CMW32	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	05 Nov 2024	OMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	05 Nov 2024	OMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	05 Nov 2024	OMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	05 Nov 2024	OMW04A	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	05 Nov 2024	OMW05	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	05 Nov 2024	OMW06	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	05 Nov 2024	OMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	05 Nov 2024	OMW11	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	11 Nov 2024	PMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)												*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)						*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			20 [#1]	200 [#1]	7 [#1]		5 [#1]						3 [#1]			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)						*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone															
WSP2025i_PU52	06 Nov 2024	PU52	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	06 Nov 2024	PU53	Normal	DU17	North Western Tank Farm	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	06 Nov 2024	PU54	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	11 Nov 2024	PU65	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	11 Nov 2024	PU88	Normal	DU17	North Western Tank Farm	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	11 Nov 2024	PU92	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	11 Nov 2024	PU93	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	06 Aug 2024	PP07	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	10 Dec 2024	PP07	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	07 Aug 2024	PP08	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	10 Dec 2024	PP08	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	05 Aug 2024	PP12	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	10 Dec 2024	PP12	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	05 Aug 2024	PU04	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	10 Dec 2024	PU04	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	05 Aug 2024	PU05	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	10 Dec 2024	PU05	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	05 Aug 2024	PU06	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	10 Dec 2024	PU06	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	05 Aug 2024	PU07	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	10 Dec 2024	PU07	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	05 Aug 2024	PU08	Normal	DU10, DU11	Old Garage and Southern Process Ur	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	10 Dec 2024	PU08	Normal	DU10, DU11	Old Garage and Southern Process Ur	1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	05 Aug 2024	PU09	Normal	DU10, DU11	Old Garage and Southern Process Ur	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	10 Dec 2024	PU09	Normal	DU10, DU11	Old Garage and Southern Process Ur	360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	13 Aug 2024	PU100	Normal	DU10, DU11	Old Garage and Southern Process Ur	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	10 Dec 2024	PU100	Normal	DU10, DU11	Old Garage and Southern Process Ur	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	13 Aug 2024	PU101	Normal	DU10, DU11	Old Garage and Southern Process Ur	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	13 Aug 2024	QC15	Field_D	DU10, DU11	Old Garage and Southern Process Ur	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	13 Aug 2024	QC15A	Interlab_D	DU10, DU11	Old Garage and Southern Process Ur	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	10 Dec 2024	PU101	Normal	DU10, DU11	Old Garage and Southern Process Ur	8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	13 Aug 2024	PU103	Normal	DU10, DU11	Old Garage and Southern Process Ur	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	13 Aug 2024	PU104	Normal	DU10, DU11	Old Garage and Southern Process Ur	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	10 Dec 2024	PU104	Normal	DU10, DU11	Old Garage and Southern Process Ur	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	10 Dec 2024	QA02	Field_D	DU10, DU11	Old Garage and Southern Process Ur	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	13 Aug 2024	PU105	Normal	DU10, DU11	Old Garage and Southern Process Ur	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	10 Dec 2024	PU105	Normal	DU10, DU11	Old Garage and Southern Process Ur	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	13 Aug 2024	PU108	Normal	DU10, DU11	Old Garage and Southern Process Ur	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	10 Dec 2024	PU108	Normal	DU10, DU11	Old Garage and Southern Process Ur	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	13 Aug 2024	PU109	Normal	DU10, DU11	Old Garage and Southern Process Ur	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	10 Dec 2024	PU109	Normal	DU10, DU11	Old Garage and Southern Process Ur	440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	13 Aug 2024	PU110	Normal	DU10, DU11	Old Garage and Southern Process Ur	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	10 Dec 2024	PU110	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	13 Aug 2024	PU111	Normal	DU10, DU11	Old Garage and Southern Process Ur	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	10 Dec 2024	QA01	Field_D	DU10, DU11	Old Garage and Southern Process Ur	40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	10 Dec 2024	PU111	Normal	DU10, DU11	Old Garage and Southern Process Ur	50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	07 Aug 2024	PU17	Normal	DU10, DU11	Old Garage and Southern Process Ur	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	10 Dec 2024	PU17	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	07 Aug 2024	PU18	Normal	DU10, DU11	Old Garage and Southern Process Ur	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	10 Dec 2024	PU18	Normal	DU10, DU11	Old Garage and Southern Process Ur	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	07 Aug 2024	PU19	Normal	DU10, DU11	Old Garage and Southern Process Ur	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	10 Dec 2024	PU19	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	07 Aug 2024	PU20	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	10 Dec 2024	PU20	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Monocrotophos	Parathion	Parathion-methyl	Phorate	Pirimphos-ethyl	Prothiofos	Ronnel	Phosalone	Aldrin	Dieldrin	Aldrin + Dieldrin	a-BHC	b-BHC	d-BHC
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	0.2	0.2	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								20 #1	200 #1	7 #1		5 #1						3 #1			
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*3*			*410*		*0.00092*	*0.0018*		*0.0072*	*0.025*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

											Organochlorine Pesticides (OC)									
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)															
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Organochlorine Pesticides (OC)													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)															
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Organochlorine Pesticides (OC)												
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

											Organochlorine Pesticides (OC)									
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 [#1]			20 [#1]			90 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Organochlorine Pesticides (OC)													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	g-BHC (Lindane)	cis-Chlordane	trans-Chlordane	Chlordane	DDD	DDE	DDT	DDT+DDE+DDD	Endosulfan alpha (Endosulfan I)	Endosulfan beta (Endosulfan II)	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								100 #1			20 #1			90 #1							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*3.6*	*10*		*0.032*	*0.046*					*110*	*2.3*		
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

													Halogenated Aromatic Compounds							
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone															
WSP2025i_PU70	07 Nov 2024	PU70	Normal	DU17	Eastern Tank Farm	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	07 Nov 2024	PU71	Normal	DU17	Eastern Tank Farm	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	07 Nov 2024	PU72	Normal	DU17	Eastern Tank Farm	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	07 Nov 2024	PU73	Normal	DU17	Eastern Tank Farm	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	05 Nov 2024	PU75	Normal	DU17	Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	05 Nov 2024	PU76	Normal	DU17	Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	07 Nov 2024	PU77	Normal	DU17	Eastern Tank Farm	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	07 Nov 2024	PU77	Normal	DU17	Eastern Tank Farm	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	07 Nov 2024	PU77	Normal	DU17	Eastern Tank Farm	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	07 Nov 2024	PU94	Normal	DU17	Eastern Tank Farm	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	07 Nov 2024	PU95	Normal	DU17	Eastern Tank Farm	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	07 Nov 2024	PU96	Normal	DU17	Eastern Tank Farm	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	07 Nov 2024	PU97	Normal	DU17	Eastern Tank Farm	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	07 Nov 2024	PU98	Normal	DU17	Eastern Tank Farm	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	05 Nov 2024	W08	Normal	DU17	Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	05 Nov 2024	W09	Normal	DU17	Eastern Tank Farm	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	05 Nov 2024	W10	Normal	DU17	Eastern Tank Farm	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	05 Nov 2024	W11	Normal	DU17	Eastern Tank Farm	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	05 Nov 2024	W12	Normal	DU17	Eastern Tank Farm	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	05 Nov 2024	W13	Normal	DU17	Eastern Tank Farm	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	05 Nov 2024	W17	Normal	DU17	Eastern Tank Farm	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	05 Nov 2024	W17	Normal	DU17	Eastern Tank Farm	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	05 Nov 2024	W17	Normal	DU17	Eastern Tank Farm	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	05 Nov 2024	W18	Normal	DU17	Eastern Tank Farm	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	05 Nov 2024	W19	Normal	DU17	Eastern Tank Farm	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	05 Nov 2024	W20	Normal	DU17	Eastern Tank Farm	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	05 Nov 2024	W21	Normal	DU17	Eastern Tank Farm	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	05 Nov 2024	W22	Normal	DU17	Eastern Tank Farm	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	12 Aug 2024	BP01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	12 Aug 2024	CLOR1	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	05 Aug 2024	CMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	05 Aug 2024	CMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	05 Aug 2024	CMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	05 Aug 2024	CMW04	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	05 Aug 2024	CMW06	Normal	DU17	Former CLOR	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	05 Aug 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	05 Aug 2024	CMW08	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	05 Aug 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	05 Aug 2024	CMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	05 Aug 2024	CMW11	Normal	DU17	Former CLOR	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	05 Aug 2024	CMW12	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	05 Aug 2024	CMW14	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	05 Aug 2024	CMW15	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	05 Aug 2024	CMW16	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	05 Aug 2024	CMW19	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	05 Aug 2024	CMW22	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	05 Aug 2024	CMW29	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	05 Aug 2024	CMW30	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	05 Aug 2024	CMW31	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	05 Aug 2024	CMW32	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	06 Aug 2024	OMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	06 Aug 2024	OMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	06 Aug 2024	OMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	06 Aug 2024	OMW04A	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**														
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone															
WSP2025d_PMW23	07 Aug 2024	PMW23	Normal	DU17	North Eastern Tank Farm	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	07 Aug 2024	PMW25	Normal	DU17	North Eastern Tank Farm	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	07 Aug 2024	PMW26	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	07 Aug 2024	PMW27	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	07 Aug 2024	PMW34	Normal	DU17	North Eastern Tank Farm	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	07 Aug 2024	PMW36	Normal	DU17	North Eastern Tank Farm	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	07 Aug 2024	PMW48	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	07 Aug 2024	PMW62	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	07 Aug 2024	PMW63	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	07 Aug 2024	PU37	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	07 Aug 2024	PU38	Normal	DU17	North Eastern Tank Farm	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	07 Aug 2024	PU39	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	07 Aug 2024	PU40	Normal	DU17	North Eastern Tank Farm	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	07 Aug 2024	PU41	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	07 Aug 2024	PU43	Normal	DU17	North Eastern Tank Farm	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	07 Aug 2024	PU44	Normal	DU17	North Eastern Tank Farm	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	07 Aug 2024	PU45	Normal	DU17	North Eastern Tank Farm	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	06 Nov 2024	PMW04	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	06 Nov 2024	PMW23	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	06 Nov 2024	PMW25	Normal	DU17	North Eastern Tank Farm	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	06 Nov 2024	PMW26	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	06 Nov 2024	PMW27	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	06 Nov 2024	PMW34	Normal	DU17	North Eastern Tank Farm	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	06 Nov 2024	PMW36	Normal	DU17	North Eastern Tank Farm	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	06 Nov 2024	PMW48	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	06 Nov 2024	PMW62	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	06 Nov 2024	PMW63	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	06 Nov 2024	PMW63	Normal	DU17	North Eastern Tank Farm	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	06 Nov 2024	PMW63	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	06 Nov 2024	PU37	Normal	DU17	North Eastern Tank Farm	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	06 Nov 2024	PU38	Normal	DU17	North Eastern Tank Farm	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	06 Nov 2024	PU39	Normal	DU17	North Eastern Tank Farm	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	06 Nov 2024	PU40	Normal	DU17	North Eastern Tank Farm	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	06 Nov 2024	PU41	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	06 Nov 2024	PU41	Normal	DU17	North Eastern Tank Farm	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	06 Nov 2024	PU41	Normal	DU17	North Eastern Tank Farm	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	06 Nov 2024	PU43	Normal	DU17	North Eastern Tank Farm	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	06 Nov 2024	PU44	Normal	DU17	North Eastern Tank Farm	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	06 Nov 2024	PU45	Normal	DU17	North Eastern Tank Farm	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	13 Aug 2024	AMW01	Normal	DU17	North Western Tank Farm	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	13 Aug 2024	AMW02	Normal	DU17	North Western Tank Farm	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	13 Aug 2024	AMW04	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	13 Aug 2024	AMW05	Normal	DU17	North Western Tank Farm	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	08 Aug 2024	AMW06	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	07 Aug 2024	PMW16	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	07 Aug 2024	PMW37	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	07 Aug 2024	PMW45	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	07 Aug 2024	PMW46	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	07 Aug 2024	PMW47	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	09 Aug 2024	PMW68	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	08 Aug 2024	PMW69	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	08 Aug 2024	PMW70	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	07 Aug 2024	PMW71	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	07 Aug 2024	PMW73	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone															
WSP2025d_PMW76	07 Aug 2024	PMW76	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	09 Aug 2024	PMW77	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	09 Aug 2024	PMW78	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	09 Aug 2024	PMW79	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	07 Aug 2024	PMW85	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	07 Aug 2024	PMW86	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	07 Aug 2024	PMW87	Normal	DU17	North Western Tank Farm	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	07 Aug 2024	PMW88	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	09 Aug 2024	PMW89	Normal	DU17	North Western Tank Farm	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	09 Aug 2024	PMW90	Normal	DU17	North Western Tank Farm	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	07 Aug 2024	PMW94	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	07 Aug 2024	PMW95	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	07 Aug 2024	PU52	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	07 Aug 2024	PU53	Normal	DU17	North Western Tank Farm	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	07 Aug 2024	PU54	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	07 Aug 2024	PU55	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	12 Aug 2024	PU65	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	12 Aug 2024	PU88	Normal	DU17	North Western Tank Farm	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	12 Aug 2024	PU92	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	12 Aug 2024	PU93	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	05 Nov 2024	AMW01	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	05 Nov 2024	AMW02	Normal	DU17	North Western Tank Farm	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	05 Nov 2024	AMW04	Normal	DU17	North Western Tank Farm	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	05 Nov 2024	AMW05	Normal	DU17	North Western Tank Farm	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	08 Nov 2024	AMW06	Normal	DU17	North Western Tank Farm	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	05 Nov 2024	PMW100	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	05 Nov 2024	PMW101	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	06 Nov 2024	PMW102	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	05 Nov 2024	PMW103	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	05 Nov 2024	PMW104	Normal	DU17	North Western Tank Farm	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	05 Nov 2024	PMW105	Normal	DU17	North Western Tank Farm	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	05 Nov 2024	PMW106	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	06 Nov 2024	PMW16	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	07 Nov 2024	PMW31	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	07 Nov 2024	PMW32	Normal	DU17	North Western Tank Farm	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	06 Nov 2024	PMW37	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	06 Nov 2024	PMW45	Normal	DU17	North Western Tank Farm	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	06 Nov 2024	PMW46	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	06 Nov 2024	PMW47	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	08 Nov 2024	PMW68	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	08 Nov 2024	PMW69	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	08 Nov 2024	PMW70	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	08 Nov 2024	PMW77	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	08 Nov 2024	PMW78	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	08 Nov 2024	PMW79	Normal	DU17	North Western Tank Farm	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	06 Nov 2024	PMW86	Normal	DU17	North Western Tank Farm	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	06 Nov 2024	PMW87	Normal	DU17	North Western Tank Farm	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	06 Nov 2024	PMW88	Normal	DU17	North Western Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	08 Nov 2024	PMW89	Normal	DU17	North Western Tank Farm	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	08 Nov 2024	PMW90	Normal	DU17	North Western Tank Farm	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	05 Nov 2024	PMW91	Normal	DU17	North Western Tank Farm	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	08 Nov 2024	PMW96	Normal	DU17	North Western Tank Farm	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 [#1]			3,000 [#2]			3,000 [#1]			15,000 [#1]	NL [#2]	400 [#1]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	-	-	-	-	<10	-	-	<10	<10	<10	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	<10	-	-	<10	<10	<10	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	<10	-	-	<10	<10	<10	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-

Table T03a - Groundwater Analytical Results

								Halogenated Aromatic Compounds								
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene (HCB)	Methoxychlor	Mirex	Bromobenzene	Chlorobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	0.2	0.2	0.2	0.2	0.2	0.1	1	1	0.1	0.1	0.1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			3 #1			3,000 #2			3,000 #1			15,000 #1	NL #2	400 #1		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*0.0014*	*0.0098*		*0.00088*	*62*		*240*	*250*				*7*	*1.2*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**											
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	<1	-	-	<1	<1	<1	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	<10	-	-	<10	<10	<10	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

																							Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																			Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																							Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																			Halc
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																							Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																					Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																			Halc
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																			Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																						Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																							Halc
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**		270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

																			Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 [#1]	10 [#1]			300 [#1]		NL [#2]			NL [#2]
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	-	<10	<10
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	-	<10	<10
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	-	<10	<10
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1

Table T03a - Groundwater Analytical Results

																			Halc
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bromochloromethane	Allyl chloride	Dichlorodifluoromethane (Freon 12)	Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane (Freon 11)	1,1-Dichloroethene	Iodomethane	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	0.5	1	0.5	5	10	0.5	0.5	0.5	0.1	1	1	1	0.1	0.1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												3 #1	10 #1			300 #1		NL #2			NL #2
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*83*	*0.73*	*200*	*190*			*8,300*	*5,200*			*2.8*	*25*	*68*	*8,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	<1	<1	<5	<5	-	<5	<5	<5	<1	<1	-	-	<1	<1
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	<10	<10	<10	<10	-	<10	<10	<10	<10	<10	-	-	<10	<10
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

								genated Aliphatic Compounds													
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL								10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**			20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

												genated Aliphatic Compounds							
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL								10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**			20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**			57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**			140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**			1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**			5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**			7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**			19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**			21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**			1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**			290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**			7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**			9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**			27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**			29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**			31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**			6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**			52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**			8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**			3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**			19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**			13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**			4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**			7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**			7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**			45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**			120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**			21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**			260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**			250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**			2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

												genated Aliphatic Compounds							
												C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane
												µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL												10	10	1	0.05	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														NL [#2]	30 [#1]	30 [#1]	NL [#2]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand													6,000 | 6,000 | 7,000 [#3]						
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand													NL | NL | NL						
USEPA RSLs Tapwater THQ=1.0 (May 2024)																	*0.49*	*8.3*	*0.28*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**														
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**							7,700.0	**7,300.0**	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**							25,000.0	**17,000.0**	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**							8,700.0	**7,300.0**	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**							1,600.0	1,600.0	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**							<20	<20	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**							<20	<20	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							190	190	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							200	200	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							250	250	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**							6,500.0	4,900.0	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**							17,000.0	**12,000.0**	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**							21,000.0	**15,000.0**	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**							33,000.0	**21,000.0**	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**							26,000.0	**17,000.0**	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**							<20	<20	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**							6,400.0	5,200.0	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**							38,000.0	**25,000.0**	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**							7,600.0	5,800.0	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**							3,100.0	2,600.0	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**							8,100.0	6,000.0	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							3,200.0	2,400.0	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							4,600.0	4,100.0	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							5,180.0	4,500.0	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**							6,200.0	4,800.0	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**							6,300.0	5,600.0	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**							2,600.0	1,800.0	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**							100	80	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**							20	<20	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**							<100	<100	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**							<200	<200	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**							<20	<20	-	-	-	-	-	-

												1,2-Dichloropropane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
												µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL												1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand																				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**							-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**							-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

												genated Aliphatic Compounds							
												C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane
												µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL												10	10	1	0.05	1	1	1	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters														NL [#2]	30 [#1]	30 [#1]	NL [#2]		
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand													6,000 | 6,000 | 7,000 [#3]						
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand													NL | NL | NL						
USEPA RSLs Tapwater THQ=1.0 (May 2024)																	*0.49*	*8.3*	*0.28*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**														
WSP2025d_OMW05	06 Aug 2024	OMW05	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_OMW06	06 Aug 2024	OMW06	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_OMW09	06 Aug 2024	OMW09	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_OMW10	06 Aug 2024	OMW10	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_OMW11	06 Aug 2024	OMW11	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_OMW12	06 Aug 2024	OMW12	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW10	12 Aug 2024	PMW10	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW30	12 Aug 2024	PMW30	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW38	12 Aug 2024	PMW38	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW41	12 Aug 2024	PMW41	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW42	12 Aug 2024	PMW42	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW49	12 Aug 2024	PMW49	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW50	12 Aug 2024	PMW50	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW51	12 Aug 2024	PMW51	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW53	12 Aug 2024	PMW53	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025d_PMW57	12 Aug 2024	PMW57	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_BP01	11 Nov 2024	BP01	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CLOR1	11 Nov 2024	CLOR1	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW01	04 Nov 2024	CMW01	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW02	04 Nov 2024	CMW02	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW03	04 Nov 2024	CMW03	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW04	04 Nov 2024	CMW04	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW06	04 Nov 2024	CMW06	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW08	04 Nov 2024	CMW08	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW10	04 Nov 2024	CMW10	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW11	04 Nov 2024	CMW11	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW12	04 Nov 2024	CMW12	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW14	04 Nov 2024	CMW14	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW15	04 Nov 2024	CMW15	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW16	04 Nov 2024	CMW16	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW19	04 Nov 2024	CMW19	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW22	04 Nov 2024	CMW22	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW29	04 Nov 2024	CMW29	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW30	04 Nov 2024	CMW30	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW31	04 Nov 2024	CMW31	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_CMW32	04 Nov 2024	CMW32	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW01	05 Nov 2024	OMW01	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW02	05 Nov 2024	OMW02	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW03	05 Nov 2024	OMW03	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW04A	05 Nov 2024	OMW04A	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW05	05 Nov 2024	OMW05	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW06	05 Nov 2024	OMW06	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW10	05 Nov 2024	OMW10	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_OMW11	05 Nov 2024	OMW11	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-
WSP2025i_PMW10	11 Nov 2024	PMW10	Normal	DU17	Former CLOR							<20	<20	-	-	-	-	-	-

												1,2-Dichloropropane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
												µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL												1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												30 [#1]		500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand																				
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand																				
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**															
WSP2025d_OMW05	06 Aug 2024	OMW05	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	06 Aug 2024	OMW06	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	06 Aug 2024	OMW09	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	06 Aug 2024	OMW10	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	06 Aug 2024	OMW11	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	06 Aug 2024	OMW12	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	12 Aug 2024	PMW10	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	12 Aug 2024	PMW30	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	12 Aug 2024	PMW38	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	12 Aug 2024	PMW41	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	12 Aug 2024	PMW42	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	12 Aug 2024	PMW49	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	12 Aug 2024	PMW50	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	12 Aug 2024	PMW51	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	12 Aug 2024	PMW53	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	12 Aug 2024	PMW57	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_BP01	11 Nov 2024	BP01	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	11 Nov 2024	CLOR1	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	04 Nov 2024	CMW01	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	04 Nov 2024	CMW02	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	04 Nov 2024	CMW03	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	04 Nov 2024	CMW04	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	04 Nov 2024	CMW06	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	04 Nov 2024	CMW08	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	04 Nov 2024	CMW10	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	04 Nov 2024	CMW11	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	04 Nov 2024	CMW12	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	04 Nov 2024	CMW14	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	04 Nov 2024	CMW15	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	04 Nov 2024	CMW16	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	04 Nov 2024	CMW19	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	04 Nov 2024	CMW22	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	04 Nov 2024	CMW29	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	04 Nov 2024	CMW30	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	04 Nov 2024	CMW31	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	04 Nov 2024	CMW32	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	05 Nov 2024	OMW01	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	05 Nov 2024	OMW02	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	05 Nov 2024	OMW03	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	05 Nov 2024	OMW04A	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	05 Nov 2024	OMW05	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	05 Nov 2024	OMW06	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	05 Nov 2024	OMW10	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	05 Nov 2024	OMW11	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	11 Nov 2024	PMW10	Normal	DU17	Former CLOR							-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

												genated Aliphatic Compounds							
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)												*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						genated Aliphatic Compounds													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

												genated Aliphatic Compounds							
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL								10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)													*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**			30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**			310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**			660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**			800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**			190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**			45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**			150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**			190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**			1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**			80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**			230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**			280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**			290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**			60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**			280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**			80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**			410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**			110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**			60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**			900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**			3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**			1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**			100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**			120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**			90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**			90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								genated Aliphatic Compounds											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								genated Aliphatic Compounds											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						genated Aliphatic Compounds													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						genated Aliphatic Compounds												
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								NL [#2]	30 [#1]	30 [#1]	NL [#2]				500 [#1]						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	<10	-	-	<10	<10	<10	-	<10	-	-	<10	<10	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	<10	-	-	<10	<10	<10	-	<10	-	-	<10	<10	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	<10	-	-	<10	<10	<10	-	<10	-	-	<10	<10	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-

Table T03a - Groundwater Analytical Results

								genated Aliphatic Compounds										
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	Dibromomethane	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	trans-1,4-Dichloro-2-butene	cis-1,4-Dichloro-2-butene	1,1,2,2-Tetrachloroethane	1,2,3-Trichloropropane	Pentachloroethane
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	1	0.05	1	1	1	1	1	1	1	5	5	1	1	5
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			NL #2	30 #1	30 #1	NL #2				500 #1						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)						*0.49*	*8.3*	*0.28*	*370*		*0.57*	*0.0013*	*0.0013*	*0.076*	*0.00075*	*0.65*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<1	-	-	<1	<1	<1	-	<1	-	-	<1	<1	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	<10	-	-	<10	<10	<10	-	<10	-	-	<10	<10	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	10	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	2	2	2		
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters				7 [#1]					10 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]																
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL																
USEPA RSLs Tapwater THQ=1.0 (May 2024)			*0.00033*		*0.13*	*0.87*	*3.3*	*0.22*		*0.85*				*16*	*900*	*15,000*		

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone																
WSP2025i_PU70	07 Nov 2024	PU70	Normal	DU17	Eastern Tank Farm	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	07 Nov 2024	PU71	Normal	DU17	Eastern Tank Farm	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	07 Nov 2024	PU72	Normal	DU17	Eastern Tank Farm	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	07 Nov 2024	PU73	Normal	DU17	Eastern Tank Farm	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	05 Nov 2024	PU75	Normal	DU17	Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	05 Nov 2024	PU76	Normal	DU17	Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	07 Nov 2024	PU77	Normal	DU17	Eastern Tank Farm	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	07 Nov 2024	PU77	Normal	DU17	Eastern Tank Farm	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	07 Nov 2024	PU77	Normal	DU17	Eastern Tank Farm	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	07 Nov 2024	PU94	Normal	DU17	Eastern Tank Farm	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	07 Nov 2024	PU95	Normal	DU17	Eastern Tank Farm	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	07 Nov 2024	PU96	Normal	DU17	Eastern Tank Farm	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	07 Nov 2024	PU97	Normal	DU17	Eastern Tank Farm	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	07 Nov 2024	PU98	Normal	DU17	Eastern Tank Farm	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	05 Nov 2024	W08	Normal	DU17	Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	05 Nov 2024	W09	Normal	DU17	Eastern Tank Farm	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	05 Nov 2024	W10	Normal	DU17	Eastern Tank Farm	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	05 Nov 2024	W11	Normal	DU17	Eastern Tank Farm	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	05 Nov 2024	W12	Normal	DU17	Eastern Tank Farm	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	05 Nov 2024	W13	Normal	DU17	Eastern Tank Farm	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	05 Nov 2024	W17	Normal	DU17	Eastern Tank Farm	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	05 Nov 2024	W17	Normal	DU17	Eastern Tank Farm	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	05 Nov 2024	W17	Normal	DU17	Eastern Tank Farm	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	05 Nov 2024	W18	Normal	DU17	Eastern Tank Farm	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	05 Nov 2024	W19	Normal	DU17	Eastern Tank Farm	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	05 Nov 2024	W20	Normal	DU17	Eastern Tank Farm	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	05 Nov 2024	W21	Normal	DU17	Eastern Tank Farm	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	05 Nov 2024	W22	Normal	DU17	Eastern Tank Farm	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	12 Aug 2024	BP01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	12 Aug 2024	CLOR1	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	05 Aug 2024	CMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	05 Aug 2024	CMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	05 Aug 2024	CMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	05 Aug 2024	CMW04	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	05 Aug 2024	CMW06	Normal	DU17	Former CLOR	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	05 Aug 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	05 Aug 2024	CMW08	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	05 Aug 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	05 Aug 2024	CMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	05 Aug 2024	CMW11	Normal	DU17	Former CLOR	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	05 Aug 2024	CMW12	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	05 Aug 2024	CMW14	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	05 Aug 2024	CMW15	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	05 Aug 2024	CMW16	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	05 Aug 2024	CMW19	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	05 Aug 2024	CMW22	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	05 Aug 2024	CMW29	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	05 Aug 2024	CMW30	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	05 Aug 2024	CMW31	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	05 Aug 2024	CMW32	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	06 Aug 2024	OMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	06 Aug 2024	OMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	06 Aug 2024	OMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	06 Aug 2024	OMW04A	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Trihalomethanes				Fumigants					Phthalat			
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									7 [#1]					10 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.00033*		*0.13*	*0.87*	*3.3*	*0.22*		*0.85*				*16*	*900*	*15,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	06 Aug 2024	OMW05	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	06 Aug 2024	OMW06	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	06 Aug 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	06 Aug 2024	OMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	06 Aug 2024	OMW11	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	06 Aug 2024	OMW12	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	12 Aug 2024	PMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	12 Aug 2024	PMW30	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	12 Aug 2024	PMW38	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	12 Aug 2024	PMW41	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	12 Aug 2024	PMW42	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	12 Aug 2024	PMW49	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	12 Aug 2024	PMW50	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	12 Aug 2024	PMW51	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	12 Aug 2024	PMW53	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	12 Aug 2024	PMW57	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	11 Nov 2024	BP01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	11 Nov 2024	CLOR1	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	04 Nov 2024	CMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	04 Nov 2024	CMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	04 Nov 2024	CMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	04 Nov 2024	CMW04	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	04 Nov 2024	CMW06	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	04 Nov 2024	CMW07	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	04 Nov 2024	CMW08	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	04 Nov 2024	CMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	04 Nov 2024	CMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	04 Nov 2024	CMW11	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	04 Nov 2024	CMW12	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	04 Nov 2024	CMW14	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	04 Nov 2024	CMW15	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	04 Nov 2024	CMW16	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	04 Nov 2024	CMW19	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	04 Nov 2024	CMW22	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	04 Nov 2024	CMW29	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	04 Nov 2024	CMW30	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	04 Nov 2024	CMW31	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	04 Nov 2024	CMW32	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	05 Nov 2024	OMW01	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	05 Nov 2024	OMW02	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	05 Nov 2024	OMW03	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	05 Nov 2024	OMW04A	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	05 Nov 2024	OMW05	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	05 Nov 2024	OMW06	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	05 Nov 2024	OMW09	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	05 Nov 2024	OMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	05 Nov 2024	OMW11	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	11 Nov 2024	PMW10	Normal	DU17	Former CLOR	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate		
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
EQL	10	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	2	2	2		
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters				7 [#1]					10 [#1]									
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 [#3]																
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL																
USEPA RSLs Tapwater THQ=1.0 (May 2024)			*0.00033*		*0.13*	*0.87*	*3.3*	*0.22*		*0.85*				*16*	*900*	*15,000*		

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone																
WSP2025d_PU12	12 Aug 2024	PU12	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	12 Aug 2024	PU13	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	09 Aug 2024	PU16	Normal	DU17	Former Fuel Refinery	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	07 Aug 2024	PU17	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	07 Aug 2024	PU18	Normal	DU17	Former Fuel Refinery	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	07 Aug 2024	PU19	Normal	DU17	Former Fuel Refinery	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	07 Aug 2024	PU20	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	09 Aug 2024	PU21	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	09 Aug 2024	PU22	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	09 Aug 2024	PU23	Normal	DU17	Former Fuel Refinery	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	09 Aug 2024	PU24	Normal	DU17	Former Fuel Refinery	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	09 Aug 2024	PU25	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	09 Aug 2024	PU26	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	09 Aug 2024	PU27	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	09 Aug 2024	PU28	Normal	DU17	Former Fuel Refinery	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	09 Aug 2024	PU29	Normal	DU17	Former Fuel Refinery	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	12 Aug 2024	PU30	Normal	DU17	Former Fuel Refinery	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	05 Aug 2024	PU59	Normal	DU17	Former Fuel Refinery	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	05 Aug 2024	PU60	Normal	DU17	Former Fuel Refinery	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	05 Aug 2024	PU61	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	09 Aug 2024	PU62	Normal	DU17	Former Fuel Refinery	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	09 Aug 2024	PU63	Normal	DU17	Former Fuel Refinery	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	09 Aug 2024	PU64	Normal	DU17	Former Fuel Refinery	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	09 Aug 2024	PU78	Normal	DU17	Former Fuel Refinery	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	09 Aug 2024	PU79	Normal	DU17	Former Fuel Refinery	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	09 Aug 2024	PU80	Normal	DU17	Former Fuel Refinery	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	09 Aug 2024	PU81	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	09 Aug 2024	PU82	Normal	DU17	Former Fuel Refinery	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	09 Aug 2024	PU83	Normal	DU17	Former Fuel Refinery	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	09 Aug 2024	PU84	Normal	DU17	Former Fuel Refinery	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	09 Aug 2024	PU85	Normal	DU17	Former Fuel Refinery	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	09 Aug 2024	PU86	Normal	DU17	Former Fuel Refinery	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	09 Aug 2024	PU87	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	12 Aug 2024	PU90	Normal	DU17	Former Fuel Refinery	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	12 Aug 2024	PU91	Normal	DU17	Former Fuel Refinery	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	13 Aug 2024	PU99	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	05 Nov 2024	AMW07	Normal	DU17	Former Fuel Refinery	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	05 Nov 2024	AMW08	Normal	DU17	Former Fuel Refinery	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	05 Nov 2024	AMW09	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	05 Nov 2024	AMW10	Normal	DU17	Former Fuel Refinery	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	04 Nov 2024	PMW13	Normal	DU17	Former Fuel Refinery	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	04 Nov 2024	PMW15	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	04 Nov 2024	PMW20	Normal	DU17	Former Fuel Refinery	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	07 Nov 2024	PMW60	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	11 Nov 2024	PP01	Normal	DU17	Former Fuel Refinery	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	11 Nov 2024	PP02	Normal	DU17	Former Fuel Refinery	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	05 Nov 2024	PP03	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	05 Nov 2024	PP04	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	05 Nov 2024	PP05	Normal	DU17	Former Fuel Refinery	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	08 Nov 2024	PP06	Normal	DU17	Former Fuel Refinery	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	05 Nov 2024	PP07	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	06 Nov 2024	PP08	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	05 Nov 2024	PP09	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	08 Nov 2024	PP10	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				

Table T03a - Groundwater Analytical Results

									Trihalomethanes				Fumigants					Phthalat	
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									7 [#1]					10 [#1]							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.00033*		*0.13*	*0.87*	*3.3*	*0.22*		*0.85*				*16*	*900*	*15,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	08 Nov 2024	PU81	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	08 Nov 2024	PU82	Normal	DU17	Former Fuel Refinery	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	08 Nov 2024	PU83	Normal	DU17	Former Fuel Refinery	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	08 Nov 2024	PU84	Normal	DU17	Former Fuel Refinery	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	08 Nov 2024	PU85	Normal	DU17	Former Fuel Refinery	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	08 Nov 2024	PU86	Normal	DU17	Former Fuel Refinery	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	08 Nov 2024	PU86	Normal	DU17	Former Fuel Refinery	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	08 Nov 2024	PU86	Normal	DU17	Former Fuel Refinery	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	08 Nov 2024	PU87	Normal	DU17	Former Fuel Refinery	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	11 Nov 2024	PU89	Normal	DU17	Former Fuel Refinery	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	11 Nov 2024	PU90	Normal	DU17	Former Fuel Refinery	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	11 Nov 2024	PU90	Normal	DU17	Former Fuel Refinery	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	11 Nov 2024	PU90	Normal	DU17	Former Fuel Refinery	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	11 Nov 2024	PU91	Normal	DU17	Former Fuel Refinery	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	05 Nov 2024	PU99	Normal	DU17	Former Fuel Refinery	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	05 Aug 2024	PMW03	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	05 Aug 2024	PMW05	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	05 Aug 2024	PMW06	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	05 Aug 2024	PMW11	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	05 Aug 2024	PMW17	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	05 Aug 2024	PMW43	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	05 Aug 2024	PMW55	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	05 Aug 2024	PMW56	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	05 Aug 2024	PMW98	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	05 Aug 2024	PU31	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	05 Aug 2024	PU32	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	05 Aug 2024	PU33	Normal	DU17	Former LPG Area	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	05 Aug 2024	PU56	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	05 Aug 2024	PU57	Normal	DU17	Former LPG Area	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	05 Aug 2024	PU58	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	04 Nov 2024	PMW03	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	04 Nov 2024	PMW05	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	04 Nov 2024	PMW06	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	04 Nov 2024	PMW11	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	04 Nov 2024	PMW11	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	04 Nov 2024	PMW11	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	04 Nov 2024	PMW17	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	04 Nov 2024	PMW43	Normal	DU17	Former LPG Area	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	04 Nov 2024	PMW55	Normal	DU17	Former LPG Area	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	04 Nov 2024	PMW56	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	04 Nov 2024	PMW98	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	04 Nov 2024	PU31	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	04 Nov 2024	PU32	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	04 Nov 2024	PU33	Normal	DU17	Former LPG Area	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	04 Nov 2024	PU56	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	04 Nov 2024	PU57	Normal	DU17	Former LPG Area	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	04 Nov 2024	PU57	Normal	DU17	Former LPG Area	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	04 Nov 2024	PU57	Normal	DU17	Former LPG Area	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	04 Nov 2024	PU58	Normal	DU17	Former LPG Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	08 Aug 2024	PMW08	Normal	DU17	Landfarm Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	08 Aug 2024	PMW33	Normal	DU17	Landfarm Area	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	07 Nov 2024	PMW08	Normal	DU17	Landfarm Area	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	07 Nov 2024	PMW33	Normal	DU17	Landfarm Area	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	07 Aug 2024	PMW04	Normal	DU17	North Eastern Tank Farm	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				

Table T03a - Groundwater Analytical Results

						Trihalomethanes				Fumigants					Phthalat				

Table T03a - Groundwater Analytical Results

					Trihalomethanes				Fumigants					Phthalat		
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Bromodichloromethane	Dibromochloromethane	Tribromomethane (Bromoform)	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Butyl benzyl phthalate	Dibutyl Phthalate	Diethyl phthalate
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	10	10	1	1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	0.1	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters				7 #1					10 #1							
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)			*0.00033*		*0.13*	*0.87*	*3.3*	*0.22*		*0.85*				*16*	*900*	*15,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**													
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	<1	<1	<1	<5	<1	<1	-	<1	<1	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	<1	<1	<1	<5	<1	<1	-	<1	<1	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	<1	<1	<1	<5	<1	<1	-	<1	<1	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	<10	<10	<10	<50	<10	<10	-	<10	<10	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							:e Esters				Nitrosamines											
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters											100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**		7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**		1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**		7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**		9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**		27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**		29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**		31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**		6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**		52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**		8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**		3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**		19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**		13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**		4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**		7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**		7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**		45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**		120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**		21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**		260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**		2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 [#1]											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						:e Esters					Nitrosamines											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Dimethyl phthalate	Di-n-octyl phthalate	Bis(2-ethylhexyl)phthalate	Methapyrilene	N-Nitrosodibutylamine	N-Nitrosodiethylamine	N-Nitrosodiphenyl & Diphenylamine	N-Nitrosodipropylamine	N-Nitrosomethylethylamine	N-Nitrosomorpholine	N-Nitrosopiperidine	N-Nitrosopyrrolidine	1,3,5-Trinitrobenzene	1-Naphthylamine
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	10	2	2	2	4	2	2	2	2	4	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										100 #1											
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*200*			*0.0027*	*0.00017*		*0.011*	*0.00071*	*0.012*	*0.0082*	*0.037*	*590*	
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

									Nitroaromatics and Ketones											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Nitroaromatics and Ketones														
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Nitroaromatics and Ketones											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

												Nitroaromatics and Ketones								
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

										Nitroaromatics and Ketones										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Nitroaromatics and Ketones													
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		180	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		480	460	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		340	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		120	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		470	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		1,200.0	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**		30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**		640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**		42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**		<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**		10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**		160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**		3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Nitroaromatics and Ketones												
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Nitroaromatics and Ketones											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Nitroaromatics and Ketones										
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Nitroaromatics and Ketones											
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

									Nitroaromatics and Ketones											
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					300 [#1]	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,100.0	880	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Nitroaromatics and Ketones													
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Picoline	4-Aminobiphenyl	4-Nitroquinoline-N-oxide	5-Nitro-o-toluidine	Acetophenone	Azobenzene	Chlorobenzilate	Dimethylaminoazobenzene	Isophorone	Nitrobenzene	Pentachloronitrobenzene	Phenacetin
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																				300 #1	
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*0.24*	*0.049*		*0.003*		*8.2*	*1,900*	*0.12*	*0.31*	*0.005*	*78*	*0.14*		*34*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

							Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL							10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	<50	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols		
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL								10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**			20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**			57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**			40	40	-	-	-	-	-	-	-	-	-	6.2	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	5.1	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**			140	140	-	-	-	-	-	-	-	-	-	6.3	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**			1,000.0	990	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**			5,000.0	4,900.0	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**			7,300.0	5,700.0	-	-	-	-	-	-	-	-	-	6.5	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**			19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	6.3	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**			21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**			1,400.0	1,200.0	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**			290	290	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**			7,900.0	5,100.0	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**			9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**			27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**			29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**			31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	6.3	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**			6,100.0	4,900.0	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**			52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**			8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**			3,400.0	2,900.0	-	-	-	-	-	-	-	-	-	6.5	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**			19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**			13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	6.5	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**			4,300.0	4,000.0	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**			7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**			7,200.0	5,900.0	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**			45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**			120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**			21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**			260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**			250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**			2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols			
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL						10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	11	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	9.1	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	8.0	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-

Table T03a - Groundwater Analytical Results

							Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols		
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL							10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	6.5	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols			
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL						10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	10	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	6.1	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	-	11	-	-	-	-

Table T03a - Groundwater Analytical Results

								Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols		
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL								10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**			180	150	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**			70	70	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**			1,100.0	780	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**			480	460	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**			180	180	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**			1,900.0	1,200.0	-	-	-	-	-	-	-	-	-	9.7	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**			3,900.0	2,700.0	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**			60	60	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**			1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**			250	250	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	8.9	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**			80	80	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**			100	100	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**			340	320	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**			30	30	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**			120	110	-	-	-	-	-	-	-	-	-	6.3	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**			470	320	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**			90	90	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**			1,600.0	1,500.0	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**			1,200.0	900	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**			8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**			180	180	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**			21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**			30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**			640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**			42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**			80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**			<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**			120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**			10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**			160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**			3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

								Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols		
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
								µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL								10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters										700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand									6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand									NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)											*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																		
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**			30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**			310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**			660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**			800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**			190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**			45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**			150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**			190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**			1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**			80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**			230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**			280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**			290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**			60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**			280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**			50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**			80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**			410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**			110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**			60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**			900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**			3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**			1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**			100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**			40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**			120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**			<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**			90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**			90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Oxygenated Compounds						Physico-Chemical Parameters					Benzidine	Glycols	
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL						10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-

Table T03a - Groundwater Analytical Results

							Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols		
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL							10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		100	100	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		660	520	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		510	390	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		280	280	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		170	170	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	8.0	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.1	-	-	-	-

Table T03a - Groundwater Analytical Results

							Oxygenated Compounds						Physico-Chemical Parameters					Benzidine	Glycols	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL							10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters									700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.7	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		630	610	-	-	-	-	-	-	-	-	-	6.4	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		210	200	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,000.0	780	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	6.8	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		400	300	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	210	-	-	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		60	60	-	-	-	-	-	-	420	-	-	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		80	70	-	-	-	-	-	-	460	-	-	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		110	110	-	-	-	-	-	-	410	-	-	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		30	30	-	-	-	-	-	-	420	-	-	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	230	-	-	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	420	-	-	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	420	-	-	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	270	-	-	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	130	-	-	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	270	-	-	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	170	-	-	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	280	-	-	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		20	20	-	-	-	-	-	-	230	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	330	-	-	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**		<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**		500	440	-	-	-	-	-	-	110	-	-	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	130	-	-	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**		12,000.0	**7,000.0**	-	-	-	-	-	-	270	-	-	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**		180	180	-	-	-	-	-	-	100	-	-	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**		270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols			
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL						10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters								700 [#1]						NL [#2]			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*18,000*	*410*	*56,000 [#6]*	*38*	*6,300*						*0.13*	*2,000*	*190*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	130	-	-	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-	-	110	-	-	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	220	-	-	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	<10	-	<10	-	<10	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	<10	-	<10	-	<10	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	<10	-	<10	-	<10	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	15	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	12	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

				Oxygenated Compounds					Physico-Chemical Parameters					Benzidine	Glycols	
	C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Pronamide	2-Propanone (Acetone)	Vinyl acetate	2-Butanone (MEK)	2-hexanone (MBK)	4-Methyl-2-pentanone (MIBK)	Total Dissolved Solids	Total Dissolved Solids (Calc.)	Electrical conductivity (lab)	pH (Lab)	Total Suspended Solids	3,3-Dichlorobenzidine	2-butoxyethanol	2-Nitroaniline
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µS/cm	pH Units	mg/L	µg/L	µg/L	µg/L
EQL	10	10	2	5	50	50	50	5	10	1	1	0.01	5	2	2000	4
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters			700 #1						NL #2			6.5-8.5				
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand		6,000 | 6,000 | 7,000 #3														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand		NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)				*18,000*	*410*	*56,000 #6*	*38*	*6,300*						*0.13*	*2,000*	*190*

Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone															
WSP2025f_PU59	05 Aug 2024	PU59	Normal	DU10, DU11	Old Garage and Southern Process Ur	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU59	10 Dec 2024	PU59	Normal	DU10, DU11	Old Garage and Southern Process Ur	2,300.0	2,300.0	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU60	05 Aug 2024	PU60	Normal	DU10, DU11	Old Garage and Southern Process Ur	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	10 Dec 2024	PU60	Normal	DU10, DU11	Old Garage and Southern Process Ur	90	90	-	32	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU61	05 Aug 2024	PU61	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	10 Dec 2024	PU61	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	<5	-	<5	-	<5	-	-	-	-	-	-	-	-
WSP2025f_PU99	13 Aug 2024	PU99	Normal	DU10, DU11	Old Garage and Southern Process Ur	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	10 Dec 2024	PU99	Normal	DU10, DU11	Old Garage and Southern Process Ur	330	330	-	<10	-	<10	-	<10	-	-	-	-	-	-	-	-
WSP2025d_PMW64	12 Aug 2024	PMW64	Normal	DU17	RPIP Mountain	<20	<20	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-
WSP2025i_PMW64	11 Nov 2024	PMW64	Normal	DU17	RPIP Mountain	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

							Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	210	0.3	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	1,700.0	2.4500	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	2,000.0	1.2000	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	<50	0.27	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**		20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-	-	-	-	<50	1.3000	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-	-	-	-	340	0.27	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	3,700.0	1.2000	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-	-	-	-	500	4.0000	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-	-	-	-	<50	5.4000	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	140	2.3600	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	250	0.4	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-	-	-	-	70	0.5	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	90	2.0000	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	170	0.89	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-	-	-	-	<50	0.87	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	290	2.1300	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-	-	-	-	120	0.51	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-	-	-	-	530	0.71	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	100	<0.2	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	2,600.0	0.26	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-	-	-	-	<50	1.4200	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-	-	-	-	<50	0.23	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-	-	-	-	230	0.53	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-	-	-	-	330	1.0000	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-	-	-	-	4,400.0	0.77	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-	-	-	-	490	0.46	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	200	<0.2	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-	-	-	-	<50	0.5	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-	-	-	-	<50	<1.0000	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-	-	-	-	70	0.55	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-	-	-	-	<50	0.72	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-	-	-	-	5,500.0	1.2700	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-	-	-	-	60	<0.2	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-	-	-	-	60	<0.2	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Anilines								Hydrogen sulfide		NA		Inorganics		Haloe
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	4.7000	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	710	<1.0000	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	240	0.99	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	0.54	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	0.67	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	130	0.5	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-	-	-	-	<50	0.7	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	0.27	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	270	1.0500	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	0.6	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-	-	-	-	690	0.9	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	1.1000	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	1.7200	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	0.94	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	1.9500	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	810	0.96	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	140	1.9000	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	120	1.4600	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	80	3.4000	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	80	0.27	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	1.1000	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	170	<0.2	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	<50	0.4	-	-	-	-

Table T03a - Groundwater Analytical Results

							Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	360	<0.2	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	80	0.34	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	0.35	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	70	<0.2	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	1.1700	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	1.0000	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	150	0.42	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	36,000.0	4.1900	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	310	0.48	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	2.8000	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	2.2500	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	1.7000	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	340	2.0300	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	<50	3.5500	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [83]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-	-	-	-	110	1.9000	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-	-	-	-	<50	<1.0000	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-	-	-	-	<50	<1.0000	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	60	<1.0000	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	<50	2.3000	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	580	1.4300	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	770	1.3000	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-	-	-	-	<50	2.4000	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	4,100.0	0.76	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-	-	-	-	<50	12.0000	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-	-	-	-	<50	3.7000	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	200	0.5	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-	-	-	-	390	<1.0000	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-	-	-	-	<500	3.2000	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-	-	-	-	80	3.3000	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	120	0.4	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	90	<1.0000	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<50	0.52	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	1,900.0	3.7100	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	450	2.1000	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<50	0.2	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	5,600.0	<1.0000	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-	-	-	-	<500	10.0000	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<50	1.3000	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-	-	-	-	<50	1.8000	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<50	1.9000	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<50	3.1700	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	190	1.0800	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-	-	-	-	<50	2.3000	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-	-	-	-	<50	2.1000	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-	-	-	-	<50	0.7	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-	-	-	-	200	1.6000	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-	-	-	-	11,000.0	3.0000	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	50	2.4000	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-	-	-	-	100	1.1000	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-	-	-	-	100	<1.0000	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-	-	-	-	60	<1.0000	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-	-	-	-	<50	0.38	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	<50	2.1000	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-	-	-	-	60	6.0000	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-	-	-	-	<50	0.6	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-	-	-	-	<50	0.52	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-	-	-	-	<50	8.7000	-	-	-	-

Table T03a - Groundwater Analytical Results

									Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
									C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
									µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL									10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																								
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand										6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand										NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)												*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																			
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	<50	0.33	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	<50	0.87	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**				180	150	-	-	-	-	-	-	-	-	<50	0.9	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**				50	50	-	-	-	-	-	-	-	-	<50	<1.0000	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**				70	70	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**				1,100.0	780	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	120	0.5	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	230	0.33	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	280	0.6	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**				480	460	-	-	-	-	-	-	-	-	<50	3.0000	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**				180	180	-	-	-	-	-	-	-	-	170	1.3000	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**				50	50	-	-	-	-	-	-	-	-	<50	1.1000	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**				50	50	-	-	-	-	-	-	-	-	180	2.5000	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	<50	2.1000	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**				1,900.0	1,200.0	-	-	-	-	-	-	-	-	130	2.3000	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**				3,900.0	2,700.0	-	-	-	-	-	-	-	-	<50	0.4	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**				60	60	-	-	-	-	-	-	-	-	<50	1.1000	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**				1,200.0	1,200.0	-	-	-	-	-	-	-	-	<50	4.1000	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**				250	250	-	-	-	-	-	-	-	-	<50	2.3000	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	1,400.0	0.5	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**				80	80	-	-	-	-	-	-	-	-	<50	4.5000	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**				100	100	-	-	-	-	-	-	-	-	<50	2.4000	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**				340	320	-	-	-	-	-	-	-	-	<50	0.66	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**				50	50	-	-	-	-	-	-	-	-	<500	3.1000	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**				30	30	-	-	-	-	-	-	-	-	200	1.6000	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**				120	110	-	-	-	-	-	-	-	-	430	2.8000	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	230	0.76	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**				470	320	-	-	-	-	-	-	-	-	2,300.0	0.62	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**				90	90	-	-	-	-	-	-	-	-	60	3.0000	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**				1,600.0	1,500.0	-	-	-	-	-	-	-	-	<50	0.5	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**				1,200.0	900	-	-	-	-	-	-	-	-	<50	1.0000	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**				8,800.0	**6,500.0**	-	-	-	-	-	-	-	-	<50	0.46	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	230	2.2800	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**				180	180	-	-	-	-	-	-	-	-	<50	2.9000	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**				21,000.0	**11,000.0**	-	-	-	-	-	-	-	-	<50	1.0000	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	<50	2.8000	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**				30,000.0	**15,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**				640	640	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**				42,000.0	**22,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**				80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**				<400	<400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**				120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**				10,000.0	3,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**				160	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**				3,400.0	2,700.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**				<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**		310	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**		660	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**		800	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**		45,000.0	**24,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**		150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**		190	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**		1,600.0	1,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**		80	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		230	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		280	280	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**		290	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**		60	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**		280	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**		50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**		410	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**		110	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**		60	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**		900	660	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**		3,600.0	2,600.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**		100	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**		120	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**		12,000.0	**8,700.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**		820	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**		340	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		4,750.0	2,610.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		6,000.0	4,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**		6,400.0	4,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**		410	410	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**		5,700.0	3,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**		3,100.0	1,800.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**		80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	120	0.9	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	630	1.8000	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<50	0.44	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<500	3.0000	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<50	4.9400	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	4,400.0	9.2000	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<50	2.2000	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	210	1.5800	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	5,300.0	1.7900	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<50	0.4	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<50	6.7000	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**		990	990	-	-	-	-	-	-	-	-	<50	0.6	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<50	0.6	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		30	30	-	-	-	-	-	-	-	-	<50	2.9700	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	<50	0.9	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**		320	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**		3,400.0	3,400.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**		40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**		<20	<20	-	-	-	-	-	-	-	-	60	0.38	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**		170	170	-	-	-	-	-	-	-	-	<50	1.0000	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**		90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	1.0000	-	-	-	-

Table T03a - Groundwater Analytical Results

							Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		100	100	-	-	-	-	-	-	-	-	<50	1.5000	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		110,000.0	**50,000.0**	-	-	-	-	-	-	-	-	<50	0.32	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	100	11.7200	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	0.8	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		660	520	-	-	-	-	-	-	-	-	<50	1.2000	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		61,000.0	**27,000.0**	-	-	-	-	-	-	-	-	<50	1.3200	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	0.73	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	100	0.8	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	0.92	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	790	0.4	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		29,000.0	**15,000.0**	-	-	-	-	-	-	-	-	<50	1.2000	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	820	<0.2	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		510	390	-	-	-	-	-	-	-	-	110	0.7	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	0.4	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		280	280	-	-	-	-	-	-	-	-	<50	0.4	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		91,000.0	**40,000.0**	-	-	-	-	-	-	-	-	<50	3.4000	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		170	170	-	-	-	-	-	-	-	-	<50	0.8	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**		200,000.0	**100,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**		1,800.0	1,500.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**		32,000.0	**17,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**		290	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**		33,000.0	**19,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**		3,900.0	3,000.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		40	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**		90	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**		390	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**		95,000.0	**45,000.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**		220	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	<50	0.24	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**		90	90	-	-	-	-	-	-	-	-	<50	0.4	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	4.0900	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**		40	40	-	-	-	-	-	-	-	-	<50	1.8000	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	270	4.2000	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	0.4	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	820	0.8	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	1.5000	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	1.7000	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	0.5	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	470	0.89	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	1.1000	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	90	11.7600	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	2.4000	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	<50	0.77	-	-	-	-

Table T03a - Groundwater Analytical Results

						Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	600	<0.2	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	340	1.9900	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	530	17.9800	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	120	0.71	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<50	0.54	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	240	0.31	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-	-	-	-	<50	1.2000	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	1,400.0	0.24	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-	-	-	-	<50	0.5	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-	-	-	-	<50	0.68	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	6,500.0	1.3700	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-	-	-	-	<50	0.6	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	1,300.0	1.3700	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<50	0.6	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	290	2.2000	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-	-	-	-	<50	0.74	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	530	1.9600	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	<50	0.82	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	15	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-	-	-	-	-	-	<20	15	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-	-	-	-	-	-	<20	33	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-	-	-	-	-	-	<20	19	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	<20	7.2	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	5.1	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-	-	-	-	-	-	<20	6.2	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	<20	12	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-	-	-	-	-	-	<20	<5	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-	-	-	-	-	-	<20	7.8	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-	-	-	-	-	-	<20	8.1	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-	-	-	-	-	-	<20	5.3	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

							Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL							10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																						
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)										*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																	
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	<20	6.6	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**		1,100.0	880	-	-	-	-	-	-	-	-	-	-	<20	8.3	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	<20	14	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**		170	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	3.17	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	1.08	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,500.0	1,500.0	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,300.0	1,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		740	740	-	-	-	-	-	-	-	-	-	0.7	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		360	360	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		130	130	-	-	-	-	-	-	-	-	-	3	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		400	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		15,000.0	**9,200.0**	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		16,000.0	**8,600.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		10,600.0	3,360.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		8,700.0	2,900.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		480	480	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,000.0	1,800.0	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	1,100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	0.38	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	40	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		310	310	-	-	-	-	-	-	-	-	-	6	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		440	440	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	-	-	-	-	-	0.52	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	80	-	-	-	-	-	-	-	-	-	8.7	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**		40	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		50	50	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		70	70	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,100.0	780	-	-	-	-	-	-	-	-	-	<0.2	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Anilines								Hydrogen sulfide		NA		Inorganics		Haloe	
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Carbazole	Dibenzofuran	Hydrogen sulfide	Unionized Hydrogen Sulfide	Nitrate + Nitrite (as N)	Organic Nitrogen (as N)	Alkalinity (Carbonate as CaCO3)_	Total Carbon	4-Bromophenyl phenyl ether	Bis(2-chloroethyl) ether
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L
EQL						10	10	4	2	2	2	2	2	0.05	0.1	50	0.2	1	5	2	2
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters																					
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]														
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL														
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*0.37*	*3.8*	*13*		*7.9*	*0.0042*							*0.014*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**																
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,200.0	1,200.0	-	-	-	-	-	-	-	-	-	4.1	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,300.0	2,300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	250	250	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	330	330	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	<50	<0.2	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**	<20	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03a - Groundwater Analytical Results

						Ethers				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025d_PMW21	**05 Aug 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW22	**05 Aug 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW65	**05 Aug 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW66	**05 Aug 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW21	**04 Nov 2024**	**PMW21**	**Normal**	**DU17**	**Administration Area**	40	40	-	-	-	-	-
WSP2025i_PMW22	**04 Nov 2024**	**PMW22**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW65	**04 Nov 2024**	**PMW65**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW66	**04 Nov 2024**	**PMW66**	**Normal**	**DU17**	**Administration Area**	<20	<20	-	-	-	-	-
WSP2016c_OMW01	**25 Nov 2015**	**OMW01_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW01	**12 Feb 2016**	**OMW01_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW01	**09 May 2016**	**OMW01_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW02	**25 Nov 2015**	**OMW02_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW02	**12 Feb 2016**	**OMW02_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW02	**09 May 2016**	**OMW02_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW03	**25 Nov 2015**	**OMW03_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW03	**12 Feb 2016**	**OMW03_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW03	**09 May 2016**	**OMW03_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW04	**25 Nov 2015**	**OMW04_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW04	**12 Feb 2016**	**OMW04_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW04	**09 May 2016**	**OMW04_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW05	**25 Nov 2015**	**OMW05_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW05	**12 Feb 2016**	**OMW05_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW05	**09 May 2016**	**OMW05_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW06	**25 Nov 2015**	**OMW06_01**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW06	**12 Feb 2016**	**OMW06_02**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2016c_OMW06	**09 May 2016**	**OMW06_03**	**Normal**	**DU15**	**DU02**	<20	<20	-	-	-	-	-
WSP2025c_FTA_MW01	**20 Apr 2016**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_FTA_MW01	**12 Aug 2019**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**13 Aug 2020**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	**05 Feb 2021**	**FTA-MW01**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-dup01201604**	**Field_D**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_FTA_MW02	**20 Apr 2016**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_FTA_MW02	**12 Aug 2019**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**13 Aug 2020**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**05 Feb 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	**06 Aug 2021**	**FTA-MW02**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**20 Apr 2016**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_FTA_MW03	**12 Aug 2019**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**13 Aug 2020**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**05 Feb 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	**06 Aug 2021**	**FTA-MW03**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**20 Apr 2016**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_FTA_MW04	**12 Aug 2019**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**13 Aug 2020**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	**05 Feb 2021**	**FTA-MW04**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_FTA_MW06	**02 Nov 2023**	**FTA-MW06**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_PP17	**11 May 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**10 Nov 2016**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**09 May 2017**	**PP17**	**Normal**	**DU14**	**DU14**	20	<20	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2017**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**04 May 2018**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_PP17	**06 Aug 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2018**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**08 Feb 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025c_PP17	**04 Nov 2019**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**03 Feb 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_PP17	**04 May 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**04 Aug 2020**	**PP17**	**Normal**	**DU14**	**DU14**	-	-	-	-	-	-	-
WSP2025c_PP17	**01 Feb 2021**	**PP17**	**Normal**	**DU14**	**DU14**	50	50	-	-	-	-	-
WSP2025c_PP17	**02 Aug 2021**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**07 Nov 2022**	**PP17**	**Normal**	**DU14**	**DU14**	20	20	-	-	-	-	-
WSP2025c_PP17	**29 Apr 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025c_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU14**	**DU14**	<20	<20	-	-	-	-	-
WSP2025d_PMW61	**08 Aug 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	57,000.0	**29,000.0**	-	-	-	-	-
WSP2025d_PU46	**08 Aug 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	40	40	-	-	-	-	-
WSP2025d_PU47	**08 Aug 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU48	**08 Aug 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	140	140	-	-	-	-	-
WSP2025d_PU49	**08 Aug 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	1,000.0	990	-	-	-	-	-
WSP2025d_PU51	**08 Aug 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU66	**08 Aug 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU67	**08 Aug 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	5,000.0	4,900.0	-	-	-	-	-
WSP2025d_PU68	**08 Aug 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU69	**08 Aug 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU70	**08 Aug 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,300.0	5,700.0	-	-	-	-	-
WSP2025d_PU71	**08 Aug 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-
WSP2025d_PU72	**08 Aug 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**19,000.0**	-	-	-	-	-
WSP2025d_PU73	**08 Aug 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,400.0	1,200.0	-	-	-	-	-
WSP2025d_PU75	**06 Aug 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU76	**06 Aug 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU77	**08 Aug 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	290	290	-	-	-	-	-
WSP2025d_PU94	**08 Aug 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	7,900.0	5,100.0	-	-	-	-	-
WSP2025d_PU95	**08 Aug 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	9,400.0	**6,200.0**	-	-	-	-	-
WSP2025d_PU96	**08 Aug 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	27,000.0	**19,000.0**	-	-	-	-	-
WSP2025d_PU97	**08 Aug 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	29,000.0	**21,000.0**	-	-	-	-	-
WSP2025d_PU98	**08 Aug 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	31,000.0	**22,000.0**	-	-	-	-	-
WSP2025d_W08	**06 Aug 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_W09	**06 Aug 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,100.0	4,900.0	-	-	-	-	-
WSP2025d_W10	**06 Aug 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	52,000.0	**35,000.0**	-	-	-	-	-
WSP2025d_W11	**06 Aug 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	8,800.0	**7,200.0**	-	-	-	-	-
WSP2025d_W12	**06 Aug 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,400.0	2,900.0	-	-	-	-	-
WSP2025d_W13	**06 Aug 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	19,000.0	**14,000.0**	-	-	-	-	-
WSP2025d_W17	**06 Aug 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	13,000.0	**11,000.0**	-	-	-	-	-
WSP2025d_W18	**06 Aug 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	4,300.0	4,000.0	-	-	-	-	-
WSP2025d_W19	**06 Aug 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	7,100.0	**6,300.0**	-	-	-	-	-
WSP2025d_W20	**06 Aug 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	7,200.0	5,900.0	-	-	-	-	-
WSP2025d_W21	**06 Aug 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_W22	**06 Aug 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW61	**07 Nov 2024**	**PMW61**	**Normal**	**DU17**	**Eastern Tank Farm**	45,000.0	**29,000.0**	-	-	-	-	-
WSP2025i_PU46	**07 Nov 2024**	**PU46**	**Normal**	**DU17**	**Eastern Tank Farm**	120	60	-	-	-	-	-
WSP2025i_PU47	**07 Nov 2024**	**PU47**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**13,000.0**	-	-	-	-	-
WSP2025i_PU48	**07 Nov 2024**	**PU48**	**Normal**	**DU17**	**Eastern Tank Farm**	260	260	-	-	-	-	-
WSP2025i_PU49	**07 Nov 2024**	**PU49**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-
WSP2025i_PU51	**07 Nov 2024**	**PU51**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU66	**07 Nov 2024**	**PU66**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU67	**07 Nov 2024**	**PU67**	**Normal**	**DU17**	**Eastern Tank Farm**	2,400.0	2,200.0	-	-	-	-	-
WSP2025i_PU68	**07 Nov 2024**	**PU68**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU69	**07 Nov 2024**	**PU69**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025i_PU70	**07 Nov 2024**	**PU70**	**Normal**	**DU17**	**Eastern Tank Farm**	7,700.0	**7,300.0**	-	-	-	-	-
WSP2025i_PU71	**07 Nov 2024**	**PU71**	**Normal**	**DU17**	**Eastern Tank Farm**	25,000.0	**17,000.0**	-	-	-	-	-
WSP2025i_PU72	**07 Nov 2024**	**PU72**	**Normal**	**DU17**	**Eastern Tank Farm**	8,700.0	**7,300.0**	-	-	-	-	-
WSP2025i_PU73	**07 Nov 2024**	**PU73**	**Normal**	**DU17**	**Eastern Tank Farm**	1,600.0	1,600.0	-	-	-	-	-
WSP2025i_PU75	**05 Nov 2024**	**PU75**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU76	**05 Nov 2024**	**PU76**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	190	190	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	200	200	-	-	-	-	-
WSP2025i_PU77	**07 Nov 2024**	**PU77**	**Normal**	**DU17**	**Eastern Tank Farm**	250	250	-	-	-	-	-
WSP2025i_PU94	**07 Nov 2024**	**PU94**	**Normal**	**DU17**	**Eastern Tank Farm**	6,500.0	4,900.0	-	-	-	-	-
WSP2025i_PU95	**07 Nov 2024**	**PU95**	**Normal**	**DU17**	**Eastern Tank Farm**	17,000.0	**12,000.0**	-	-	-	-	-
WSP2025i_PU96	**07 Nov 2024**	**PU96**	**Normal**	**DU17**	**Eastern Tank Farm**	21,000.0	**15,000.0**	-	-	-	-	-
WSP2025i_PU97	**07 Nov 2024**	**PU97**	**Normal**	**DU17**	**Eastern Tank Farm**	33,000.0	**21,000.0**	-	-	-	-	-
WSP2025i_PU98	**07 Nov 2024**	**PU98**	**Normal**	**DU17**	**Eastern Tank Farm**	26,000.0	**17,000.0**	-	-	-	-	-
WSP2025i_W08	**05 Nov 2024**	**W08**	**Normal**	**DU17**	**Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_W09	**05 Nov 2024**	**W09**	**Normal**	**DU17**	**Eastern Tank Farm**	6,400.0	5,200.0	-	-	-	-	-
WSP2025i_W10	**05 Nov 2024**	**W10**	**Normal**	**DU17**	**Eastern Tank Farm**	38,000.0	**25,000.0**	-	-	-	-	-
WSP2025i_W11	**05 Nov 2024**	**W11**	**Normal**	**DU17**	**Eastern Tank Farm**	7,600.0	5,800.0	-	-	-	-	-
WSP2025i_W12	**05 Nov 2024**	**W12**	**Normal**	**DU17**	**Eastern Tank Farm**	3,100.0	2,600.0	-	-	-	-	-
WSP2025i_W13	**05 Nov 2024**	**W13**	**Normal**	**DU17**	**Eastern Tank Farm**	8,100.0	6,000.0	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	3,200.0	2,400.0	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	4,600.0	4,100.0	-	-	-	-	-
WSP2025i_W17	**05 Nov 2024**	**W17**	**Normal**	**DU17**	**Eastern Tank Farm**	5,180.0	4,500.0	-	-	-	-	-
WSP2025i_W18	**05 Nov 2024**	**W18**	**Normal**	**DU17**	**Eastern Tank Farm**	6,200.0	4,800.0	-	-	-	-	-
WSP2025i_W19	**05 Nov 2024**	**W19**	**Normal**	**DU17**	**Eastern Tank Farm**	6,300.0	5,600.0	-	-	-	-	-
WSP2025i_W20	**05 Nov 2024**	**W20**	**Normal**	**DU17**	**Eastern Tank Farm**	2,600.0	1,800.0	-	-	-	-	-
WSP2025i_W21	**05 Nov 2024**	**W21**	**Normal**	**DU17**	**Eastern Tank Farm**	100	80	-	-	-	-	-
WSP2025i_W22	**05 Nov 2024**	**W22**	**Normal**	**DU17**	**Eastern Tank Farm**	20	<20	-	-	-	-	-
WSP2025d_BP01	**12 Aug 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CLOR1	**12 Aug 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW01	**05 Aug 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW02	**05 Aug 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW03	**05 Aug 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW04	**05 Aug 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW06	**05 Aug 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<100	<100	-	-	-	-	-
WSP2025d_CMW07	**05 Aug 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW08	**05 Aug 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW09	**05 Aug 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW10	**05 Aug 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW11	**05 Aug 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<200	<200	-	-	-	-	-
WSP2025d_CMW12	**05 Aug 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW14	**05 Aug 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW15	**05 Aug 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW16	**05 Aug 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW19	**05 Aug 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW22	**05 Aug 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW29	**05 Aug 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW30	**05 Aug 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW31	**05 Aug 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_CMW32	**05 Aug 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW01	**06 Aug 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW02	**06 Aug 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW03	**06 Aug 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW04A	**06 Aug 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025d_OMW05	**06 Aug 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW06	**06 Aug 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW09	**06 Aug 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW10	**06 Aug 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW11	**06 Aug 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_OMW12	**06 Aug 2024**	**OMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW10	**12 Aug 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW30	**12 Aug 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW38	**12 Aug 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW41	**12 Aug 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW42	**12 Aug 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW49	**12 Aug 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW50	**12 Aug 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW51	**12 Aug 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW53	**12 Aug 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PMW57	**12 Aug 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_BP01	**11 Nov 2024**	**BP01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CLOR1	**11 Nov 2024**	**CLOR1**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW01	**04 Nov 2024**	**CMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW02	**04 Nov 2024**	**CMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW03	**04 Nov 2024**	**CMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW04	**04 Nov 2024**	**CMW04**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW06	**04 Nov 2024**	**CMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW07	**04 Nov 2024**	**CMW07**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW08	**04 Nov 2024**	**CMW08**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW09	**04 Nov 2024**	**CMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW10	**04 Nov 2024**	**CMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW11	**04 Nov 2024**	**CMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW12	**04 Nov 2024**	**CMW12**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW14	**04 Nov 2024**	**CMW14**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW15	**04 Nov 2024**	**CMW15**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW16	**04 Nov 2024**	**CMW16**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW19	**04 Nov 2024**	**CMW19**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW22	**04 Nov 2024**	**CMW22**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW29	**04 Nov 2024**	**CMW29**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW30	**04 Nov 2024**	**CMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW31	**04 Nov 2024**	**CMW31**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_CMW32	**04 Nov 2024**	**CMW32**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW01	**05 Nov 2024**	**OMW01**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW02	**05 Nov 2024**	**OMW02**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW03	**05 Nov 2024**	**OMW03**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW04A	**05 Nov 2024**	**OMW04A**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW05	**05 Nov 2024**	**OMW05**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW06	**05 Nov 2024**	**OMW06**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW09	**05 Nov 2024**	**OMW09**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW10	**05 Nov 2024**	**OMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_OMW11	**05 Nov 2024**	**OMW11**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW10	**11 Nov 2024**	**PMW10**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025i_PMW30	**11 Nov 2024**	**PMW30**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW38	**11 Nov 2024**	**PMW38**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW41	**11 Nov 2024**	**PMW41**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW42	**11 Nov 2024**	**PMW42**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW49	**11 Nov 2024**	**PMW49**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW50	**11 Nov 2024**	**PMW50**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW51	**11 Nov 2024**	**PMW51**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW53	**11 Nov 2024**	**PMW53**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025i_PMW57	**11 Nov 2024**	**PMW57**	**Normal**	**DU17**	**Former CLOR**	<20	<20	-	-	-	-	-
WSP2025d_PP17	**05 Aug 2024**	**PP17**	**Normal**	**DU17**	**Former Fire Training Area**	<20	<20	-	-	-	-	-
WSP2025d_AMW07	**13 Aug 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	38,000.0	**22,000.0**	-	-	-	-	-
WSP2025d_AMW08	**13 Aug 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	8,300.0	5,600.0	-	-	-	-	-
WSP2025d_AMW09	**13 Aug 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_AMW10	**13 Aug 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	33,000.0	**19,000.0**	-	-	-	-	-
WSP2025d_PMW13	**05 Aug 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PMW15	**05 Aug 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PMW20	**05 Aug 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	620	620	-	-	-	-	-
WSP2025d_PMW60	**08 Aug 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP01	**12 Aug 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	140	140	-	-	-	-	-
WSP2025d_PP02	**12 Aug 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	5,300.0	-	-	-	-	-
WSP2025d_PP03	**06 Aug 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP04	**06 Aug 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-
WSP2025d_PP05	**06 Aug 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	210	190	-	-	-	-	-
WSP2025d_PP06	**09 Aug 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	5,000.0	4,300.0	-	-	-	-	-
WSP2025d_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP09	**06 Aug 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP10	**09 Aug 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP11	**05 Aug 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PP13	**05 Aug 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU01	**05 Aug 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	<200	<200	-	-	-	-	-
WSP2025d_PU02	**05 Aug 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU03	**05 Aug 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	440	420	-	-	-	-	-
WSP2025d_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	1,500.0	1,500.0	-	-	-	-	-
WSP2025d_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	740	740	-	-	-	-	-
WSP2025d_PU10	**12 Aug 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	<100	<100	-	-	-	-	-
WSP2025d_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-
WSP2025d_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	15,000.0	**9,200.0**	-	-	-	-	-
WSP2025d_PU102	**13 Aug 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-
WSP2025d_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	480	480	-	-	-	-	-
WSP2025d_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	2,000.0	1,800.0	-	-	-	-	-
WSP2025d_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025d_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-
WSP2025d_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	310	310	-	-	-	-	-
WSP2025d_PU11	**12 Aug 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-
WSP2025d_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-
WSP2025d_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	90	80	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025d_PU12	**12 Aug 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU13	**12 Aug 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU16	**09 Aug 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	180	150	-	-	-	-	-
WSP2025d_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025d_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	70	70	-	-	-	-	-
WSP2025d_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	780	-	-	-	-	-
WSP2025d_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU21	**09 Aug 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU22	**09 Aug 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU23	**09 Aug 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	480	460	-	-	-	-	-
WSP2025d_PU24	**09 Aug 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-
WSP2025d_PU25	**09 Aug 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025d_PU26	**09 Aug 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025d_PU27	**09 Aug 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU28	**09 Aug 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	1,900.0	1,200.0	-	-	-	-	-
WSP2025d_PU29	**09 Aug 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,900.0	2,700.0	-	-	-	-	-
WSP2025d_PU30	**12 Aug 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-
WSP2025d_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	1,200.0	-	-	-	-	-
WSP2025d_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	250	250	-	-	-	-	-
WSP2025d_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU62	**09 Aug 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-
WSP2025d_PU63	**09 Aug 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-
WSP2025d_PU64	**09 Aug 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	340	320	-	-	-	-	-
WSP2025d_PU78	**09 Aug 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025d_PU79	**09 Aug 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-
WSP2025d_PU80	**09 Aug 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	120	110	-	-	-	-	-
WSP2025d_PU81	**09 Aug 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU82	**09 Aug 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	470	320	-	-	-	-	-
WSP2025d_PU83	**09 Aug 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-
WSP2025d_PU84	**09 Aug 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,500.0	-	-	-	-	-
WSP2025d_PU85	**09 Aug 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	1,200.0	900	-	-	-	-	-
WSP2025d_PU86	**09 Aug 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	8,800.0	**6,500.0**	-	-	-	-	-
WSP2025d_PU87	**09 Aug 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025d_PU90	**12 Aug 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	180	180	-	-	-	-	-
WSP2025d_PU91	**12 Aug 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	21,000.0	**11,000.0**	-	-	-	-	-
WSP2025d_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_AMW07	**05 Nov 2024**	**AMW07**	**Normal**	**DU17**	**Former Fuel Refinery**	30,000.0	**15,000.0**	-	-	-	-	-
WSP2025i_AMW08	**05 Nov 2024**	**AMW08**	**Normal**	**DU17**	**Former Fuel Refinery**	640	640	-	-	-	-	-
WSP2025i_AMW09	**05 Nov 2024**	**AMW09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_AMW10	**05 Nov 2024**	**AMW10**	**Normal**	**DU17**	**Former Fuel Refinery**	42,000.0	**22,000.0**	-	-	-	-	-
WSP2025i_PMW13	**04 Nov 2024**	**PMW13**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-
WSP2025i_PMW15	**04 Nov 2024**	**PMW15**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PMW20	**04 Nov 2024**	**PMW20**	**Normal**	**DU17**	**Former Fuel Refinery**	<400	<400	-	-	-	-	-
WSP2025i_PMW60	**07 Nov 2024**	**PMW60**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP01	**11 Nov 2024**	**PP01**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-
WSP2025i_PP02	**11 Nov 2024**	**PP02**	**Normal**	**DU17**	**Former Fuel Refinery**	10,000.0	3,700.0	-	-	-	-	-
WSP2025i_PP03	**05 Nov 2024**	**PP03**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP04	**05 Nov 2024**	**PP04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP05	**05 Nov 2024**	**PP05**	**Normal**	**DU17**	**Former Fuel Refinery**	160	160	-	-	-	-	-
WSP2025i_PP06	**08 Nov 2024**	**PP06**	**Normal**	**DU17**	**Former Fuel Refinery**	3,400.0	2,700.0	-	-	-	-	-
WSP2025i_PP07	**05 Nov 2024**	**PP07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP08	**06 Nov 2024**	**PP08**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP09	**05 Nov 2024**	**PP09**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP10	**08 Nov 2024**	**PP10**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025i_PP11	**04 Nov 2024**	**PP11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP12	**04 Nov 2024**	**PP12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PP13	**04 Nov 2024**	**PP13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU01	**04 Nov 2024**	**PU01**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-
WSP2025i_PU02	**04 Nov 2024**	**PU02**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU03	**04 Nov 2024**	**PU03**	**Normal**	**DU17**	**Former Fuel Refinery**	310	300	-	-	-	-	-
WSP2025i_PU04	**04 Nov 2024**	**PU04**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU05	**04 Nov 2024**	**PU05**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU06	**04 Nov 2024**	**PU06**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU07	**04 Nov 2024**	**PU07**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU08	**04 Nov 2024**	**PU08**	**Normal**	**DU17**	**Former Fuel Refinery**	660	660	-	-	-	-	-
WSP2025i_PU09	**04 Nov 2024**	**PU09**	**Normal**	**DU17**	**Former Fuel Refinery**	800	800	-	-	-	-	-
WSP2025i_PU10	**11 Nov 2024**	**PU10**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025i_PU100	**05 Nov 2024**	**PU100**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-
WSP2025i_PU101	**05 Nov 2024**	**PU101**	**Normal**	**DU17**	**Former Fuel Refinery**	45,000.0	**24,000.0**	-	-	-	-	-
WSP2025i_PU102	**05 Nov 2024**	**PU102**	**Normal**	**DU17**	**Former Fuel Refinery**	150	150	-	-	-	-	-
WSP2025i_PU103	**05 Nov 2024**	**PU103**	**Normal**	**DU17**	**Former Fuel Refinery**	190	190	-	-	-	-	-
WSP2025i_PU104	**05 Nov 2024**	**PU104**	**Normal**	**DU17**	**Former Fuel Refinery**	1,600.0	1,400.0	-	-	-	-	-
WSP2025i_PU105	**05 Nov 2024**	**PU105**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025i_PU108	**05 Nov 2024**	**PU108**	**Normal**	**DU17**	**Former Fuel Refinery**	80	60	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	230	230	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	280	280	-	-	-	-	-
WSP2025i_PU109	**05 Nov 2024**	**PU109**	**Normal**	**DU17**	**Former Fuel Refinery**	290	290	-	-	-	-	-
WSP2025i_PU11	**11 Nov 2024**	**PU11**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU110	**05 Nov 2024**	**PU110**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU111	**05 Nov 2024**	**PU111**	**Normal**	**DU17**	**Former Fuel Refinery**	60	50	-	-	-	-	-
WSP2025i_PU12	**11 Nov 2024**	**PU12**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU13	**11 Nov 2024**	**PU13**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU14	**11 Nov 2024**	**PU14**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU15	**11 Nov 2024**	**PU15**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-
WSP2025i_PU16	**08 Nov 2024**	**PU16**	**Normal**	**DU17**	**Former Fuel Refinery**	280	240	-	-	-	-	-
WSP2025i_PU17	**06 Nov 2024**	**PU17**	**Normal**	**DU17**	**Former Fuel Refinery**	50	50	-	-	-	-	-
WSP2025i_PU18	**06 Nov 2024**	**PU18**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-
WSP2025i_PU19	**06 Nov 2024**	**PU19**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU20	**06 Nov 2024**	**PU20**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU21	**08 Nov 2024**	**PU21**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU22	**08 Nov 2024**	**PU22**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU23	**08 Nov 2024**	**PU23**	**Normal**	**DU17**	**Former Fuel Refinery**	410	400	-	-	-	-	-
WSP2025i_PU24	**08 Nov 2024**	**PU24**	**Normal**	**DU17**	**Former Fuel Refinery**	110	110	-	-	-	-	-
WSP2025i_PU25	**08 Nov 2024**	**PU25**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU26	**08 Nov 2024**	**PU26**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU27	**08 Nov 2024**	**PU27**	**Normal**	**DU17**	**Former Fuel Refinery**	60	60	-	-	-	-	-
WSP2025i_PU28	**08 Nov 2024**	**PU28**	**Normal**	**DU17**	**Former Fuel Refinery**	900	660	-	-	-	-	-
WSP2025i_PU29	**08 Nov 2024**	**PU29**	**Normal**	**DU17**	**Former Fuel Refinery**	3,600.0	2,600.0	-	-	-	-	-
WSP2025i_PU30	**11 Nov 2024**	**PU30**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU59	**04 Nov 2024**	**PU59**	**Normal**	**DU17**	**Former Fuel Refinery**	1,100.0	1,100.0	-	-	-	-	-
WSP2025i_PU60	**04 Nov 2024**	**PU60**	**Normal**	**DU17**	**Former Fuel Refinery**	100	100	-	-	-	-	-
WSP2025i_PU61	**04 Nov 2024**	**PU61**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU62	**08 Nov 2024**	**PU62**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU63	**08 Nov 2024**	**PU63**	**Normal**	**DU17**	**Former Fuel Refinery**	40	40	-	-	-	-	-
WSP2025i_PU64	**08 Nov 2024**	**PU64**	**Normal**	**DU17**	**Former Fuel Refinery**	120	120	-	-	-	-	-
WSP2025i_PU78	**08 Nov 2024**	**PU78**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU79	**08 Nov 2024**	**PU79**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-
WSP2025i_PU80	**08 Nov 2024**	**PU80**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-

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						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025i_PU81	**08 Nov 2024**	**PU81**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU82	**08 Nov 2024**	**PU82**	**Normal**	**DU17**	**Former Fuel Refinery**	12,000.0	**8,700.0**	-	-	-	-	-
WSP2025i_PU83	**08 Nov 2024**	**PU83**	**Normal**	**DU17**	**Former Fuel Refinery**	30	30	-	-	-	-	-
WSP2025i_PU84	**08 Nov 2024**	**PU84**	**Normal**	**DU17**	**Former Fuel Refinery**	820	800	-	-	-	-	-
WSP2025i_PU85	**08 Nov 2024**	**PU85**	**Normal**	**DU17**	**Former Fuel Refinery**	340	290	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	4,750.0	2,610.0	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,000.0	4,100.0	-	-	-	-	-
WSP2025i_PU86	**08 Nov 2024**	**PU86**	**Normal**	**DU17**	**Former Fuel Refinery**	6,400.0	4,400.0	-	-	-	-	-
WSP2025i_PU87	**08 Nov 2024**	**PU87**	**Normal**	**DU17**	**Former Fuel Refinery**	<20	<20	-	-	-	-	-
WSP2025i_PU89	**11 Nov 2024**	**PU89**	**Normal**	**DU17**	**Former Fuel Refinery**	410	410	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	90	90	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	130	130	-	-	-	-	-
WSP2025i_PU90	**11 Nov 2024**	**PU90**	**Normal**	**DU17**	**Former Fuel Refinery**	5,700.0	3,500.0	-	-	-	-	-
WSP2025i_PU91	**11 Nov 2024**	**PU91**	**Normal**	**DU17**	**Former Fuel Refinery**	3,100.0	1,800.0	-	-	-	-	-
WSP2025i_PU99	**05 Nov 2024**	**PU99**	**Normal**	**DU17**	**Former Fuel Refinery**	80	80	-	-	-	-	-
WSP2025d_PMW03	**05 Aug 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW05	**05 Aug 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW06	**05 Aug 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW11	**05 Aug 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW17	**05 Aug 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW43	**05 Aug 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW55	**05 Aug 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW56	**05 Aug 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW98	**05 Aug 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PU31	**05 Aug 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PU32	**05 Aug 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PU33	**05 Aug 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	990	990	-	-	-	-	-
WSP2025d_PU56	**05 Aug 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PU57	**05 Aug 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	30	30	-	-	-	-	-
WSP2025d_PU58	**05 Aug 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW03	**04 Nov 2024**	**PMW03**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW05	**04 Nov 2024**	**PMW05**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW06	**04 Nov 2024**	**PMW06**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW11	**04 Nov 2024**	**PMW11**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW17	**04 Nov 2024**	**PMW17**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW43	**04 Nov 2024**	**PMW43**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-
WSP2025i_PMW55	**04 Nov 2024**	**PMW55**	**Normal**	**DU17**	**Former LPG Area**	320	320	-	-	-	-	-
WSP2025i_PMW56	**04 Nov 2024**	**PMW56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW98	**04 Nov 2024**	**PMW98**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PU31	**04 Nov 2024**	**PU31**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PU32	**04 Nov 2024**	**PU32**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PU33	**04 Nov 2024**	**PU33**	**Normal**	**DU17**	**Former LPG Area**	3,400.0	3,400.0	-	-	-	-	-
WSP2025i_PU56	**04 Nov 2024**	**PU56**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	20	20	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-
WSP2025i_PU57	**04 Nov 2024**	**PU57**	**Normal**	**DU17**	**Former LPG Area**	40	40	-	-	-	-	-
WSP2025i_PU58	**04 Nov 2024**	**PU58**	**Normal**	**DU17**	**Former LPG Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW08	**08 Aug 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-
WSP2025d_PMW33	**08 Aug 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	170	170	-	-	-	-	-
WSP2025i_PMW08	**07 Nov 2024**	**PMW08**	**Normal**	**DU17**	**Landfarm Area**	<20	<20	-	-	-	-	-
WSP2025i_PMW33	**07 Nov 2024**	**PMW33**	**Normal**	**DU17**	**Landfarm Area**	90	90	-	-	-	-	-
WSP2025d_PMW04	**07 Aug 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025d_PMW23	**07 Aug 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	100	100	-	-	-	-	-
WSP2025d_PMW25	**07 Aug 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	110,000.0	**50,000.0**	-	-	-	-	-
WSP2025d_PMW26	**07 Aug 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW27	**07 Aug 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW34	**07 Aug 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	660	520	-	-	-	-	-
WSP2025d_PMW36	**07 Aug 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	61,000.0	**27,000.0**	-	-	-	-	-
WSP2025d_PMW48	**07 Aug 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW62	**07 Aug 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW63	**07 Aug 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU37	**07 Aug 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU38	**07 Aug 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	29,000.0	**15,000.0**	-	-	-	-	-
WSP2025d_PU39	**07 Aug 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU40	**07 Aug 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	510	390	-	-	-	-	-
WSP2025d_PU41	**07 Aug 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU43	**07 Aug 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	280	280	-	-	-	-	-
WSP2025d_PU44	**07 Aug 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	91,000.0	**40,000.0**	-	-	-	-	-
WSP2025d_PU45	**07 Aug 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	170	170	-	-	-	-	-
WSP2025i_PMW04	**06 Nov 2024**	**PMW04**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW23	**06 Nov 2024**	**PMW23**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW25	**06 Nov 2024**	**PMW25**	**Normal**	**DU17**	**North Eastern Tank Farm**	200,000.0	**100,000.0**	-	-	-	-	-
WSP2025i_PMW26	**06 Nov 2024**	**PMW26**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW27	**06 Nov 2024**	**PMW27**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW34	**06 Nov 2024**	**PMW34**	**Normal**	**DU17**	**North Eastern Tank Farm**	1,800.0	1,500.0	-	-	-	-	-
WSP2025i_PMW36	**06 Nov 2024**	**PMW36**	**Normal**	**DU17**	**North Eastern Tank Farm**	32,000.0	**17,000.0**	-	-	-	-	-
WSP2025i_PMW48	**06 Nov 2024**	**PMW48**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW62	**06 Nov 2024**	**PMW62**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	20	20	-	-	-	-	-
WSP2025i_PMW63	**06 Nov 2024**	**PMW63**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU37	**06 Nov 2024**	**PU37**	**Normal**	**DU17**	**North Eastern Tank Farm**	290	230	-	-	-	-	-
WSP2025i_PU38	**06 Nov 2024**	**PU38**	**Normal**	**DU17**	**North Eastern Tank Farm**	33,000.0	**19,000.0**	-	-	-	-	-
WSP2025i_PU39	**06 Nov 2024**	**PU39**	**Normal**	**DU17**	**North Eastern Tank Farm**	30	30	-	-	-	-	-
WSP2025i_PU40	**06 Nov 2024**	**PU40**	**Normal**	**DU17**	**North Eastern Tank Farm**	3,900.0	3,000.0	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	40	<20	-	-	-	-	-
WSP2025i_PU41	**06 Nov 2024**	**PU41**	**Normal**	**DU17**	**North Eastern Tank Farm**	90	70	-	-	-	-	-
WSP2025i_PU43	**06 Nov 2024**	**PU43**	**Normal**	**DU17**	**North Eastern Tank Farm**	390	380	-	-	-	-	-
WSP2025i_PU44	**06 Nov 2024**	**PU44**	**Normal**	**DU17**	**North Eastern Tank Farm**	95,000.0	**45,000.0**	-	-	-	-	-
WSP2025i_PU45	**06 Nov 2024**	**PU45**	**Normal**	**DU17**	**North Eastern Tank Farm**	220	190	-	-	-	-	-
WSP2025d_AMW01	**13 Aug 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-
WSP2025d_AMW02	**13 Aug 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	90	90	-	-	-	-	-
WSP2025d_AMW04	**13 Aug 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_AMW05	**13 Aug 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-
WSP2025d_AMW06	**08 Aug 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW16	**07 Aug 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW37	**07 Aug 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW45	**07 Aug 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW46	**07 Aug 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW47	**07 Aug 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW68	**09 Aug 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW69	**08 Aug 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW70	**08 Aug 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW71	**07 Aug 2024**	**PMW71**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW73	**07 Aug 2024**	**PMW73**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [83]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025d_PMW76	**07 Aug 2024**	**PMW76**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW77	**09 Aug 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW78	**09 Aug 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW79	**09 Aug 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW85	**07 Aug 2024**	**PMW85**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW86	**07 Aug 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW87	**07 Aug 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	630	610	-	-	-	-	-
WSP2025d_PMW88	**07 Aug 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW89	**09 Aug 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	16,000.0	**8,000.0**	-	-	-	-	-
WSP2025d_PMW90	**09 Aug 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	210	200	-	-	-	-	-
WSP2025d_PMW94	**07 Aug 2024**	**PMW94**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PMW95	**07 Aug 2024**	**PMW95**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU52	**07 Aug 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU53	**07 Aug 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,000.0	780	-	-	-	-	-
WSP2025d_PU54	**07 Aug 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU55	**07 Aug 2024**	**PU55**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU65	**12 Aug 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU88	**12 Aug 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	400	300	-	-	-	-	-
WSP2025d_PU92	**12 Aug 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025d_PU93	**12 Aug 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_AMW01	**05 Nov 2024**	**AMW01**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_AMW02	**05 Nov 2024**	**AMW02**	**Normal**	**DU17**	**North Western Tank Farm**	60	60	-	-	-	-	-
WSP2025i_AMW04	**05 Nov 2024**	**AMW04**	**Normal**	**DU17**	**North Western Tank Farm**	80	70	-	-	-	-	-
WSP2025i_AMW05	**05 Nov 2024**	**AMW05**	**Normal**	**DU17**	**North Western Tank Farm**	110	110	-	-	-	-	-
WSP2025i_AMW06	**08 Nov 2024**	**AMW06**	**Normal**	**DU17**	**North Western Tank Farm**	30	30	-	-	-	-	-
WSP2025i_PMW100	**05 Nov 2024**	**PMW100**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW101	**05 Nov 2024**	**PMW101**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW102	**06 Nov 2024**	**PMW102**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW103	**05 Nov 2024**	**PMW103**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW104	**05 Nov 2024**	**PMW104**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-
WSP2025i_PMW105	**05 Nov 2024**	**PMW105**	**Normal**	**DU17**	**North Western Tank Farm**	130	130	-	-	-	-	-
WSP2025i_PMW106	**05 Nov 2024**	**PMW106**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW16	**06 Nov 2024**	**PMW16**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW31	**07 Nov 2024**	**PMW31**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW32	**07 Nov 2024**	**PMW32**	**Normal**	**DU17**	**North Western Tank Farm**	80	80	-	-	-	-	-
WSP2025i_PMW37	**06 Nov 2024**	**PMW37**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW45	**06 Nov 2024**	**PMW45**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-
WSP2025i_PMW46	**06 Nov 2024**	**PMW46**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW47	**06 Nov 2024**	**PMW47**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW68	**08 Nov 2024**	**PMW68**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW69	**08 Nov 2024**	**PMW69**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW70	**08 Nov 2024**	**PMW70**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW77	**08 Nov 2024**	**PMW77**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	20	20	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW78	**08 Nov 2024**	**PMW78**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW79	**08 Nov 2024**	**PMW79**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-
WSP2025i_PMW86	**06 Nov 2024**	**PMW86**	**Normal**	**DU17**	**North Western Tank Farm**	<100	<100	-	-	-	-	-
WSP2025i_PMW87	**06 Nov 2024**	**PMW87**	**Normal**	**DU17**	**North Western Tank Farm**	500	440	-	-	-	-	-
WSP2025i_PMW88	**06 Nov 2024**	**PMW88**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PMW89	**08 Nov 2024**	**PMW89**	**Normal**	**DU17**	**North Western Tank Farm**	12,000.0	**7,000.0**	-	-	-	-	-
WSP2025i_PMW90	**08 Nov 2024**	**PMW90**	**Normal**	**DU17**	**North Western Tank Farm**	180	180	-	-	-	-	-
WSP2025i_PMW91	**05 Nov 2024**	**PMW91**	**Normal**	**DU17**	**North Western Tank Farm**	40	40	-	-	-	-	-
WSP2025i_PMW96	**08 Nov 2024**	**PMW96**	**Normal**	**DU17**	**North Western Tank Farm**	270	270	-	-	-	-	-

Table T03a - Groundwater Analytical Results

						Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
						C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters												
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand							6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand							NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)								*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025i_PU52	**06 Nov 2024**	**PU52**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU53	**06 Nov 2024**	**PU53**	**Normal**	**DU17**	**North Western Tank Farm**	1,100.0	880	-	-	-	-	-
WSP2025i_PU54	**06 Nov 2024**	**PU54**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU65	**11 Nov 2024**	**PU65**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU88	**11 Nov 2024**	**PU88**	**Normal**	**DU17**	**North Western Tank Farm**	170	100	-	-	-	-	-
WSP2025i_PU92	**11 Nov 2024**	**PU92**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025i_PU93	**11 Nov 2024**	**PU93**	**Normal**	**DU17**	**North Western Tank Farm**	<20	<20	-	-	-	-	-
WSP2025f_PP07	**06 Aug 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PP07	**10 Dec 2024**	**PP07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	3.7	0.70	-
WSP2025f_PP08	**07 Aug 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PP08	**10 Dec 2024**	**PP08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	2.8	2.3	-
WSP2025f_PP12	**05 Aug 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PP12	**10 Dec 2024**	**PP12**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	39	3.6	-
WSP2025f_PU04	**05 Aug 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PU04	**10 Dec 2024**	**PU04**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	5.8	1.8	-
WSP2025f_PU05	**05 Aug 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PU05	**10 Dec 2024**	**PU05**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	2.5	0.40	-
WSP2025f_PU06	**05 Aug 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PU06	**10 Dec 2024**	**PU06**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	5.5	0.80	-
WSP2025f_PU07	**05 Aug 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PU07	**10 Dec 2024**	**PU07**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	3.6	1.0	-
WSP2025f_PU08	**05 Aug 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,500.0	1,500.0	-	-	-	-	-
WSP2025f_PU08	**10 Dec 2024**	**PU08**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,300.0	1,300.0	-	-	9.3	<0.01	-
WSP2025f_PU09	**05 Aug 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	740	740	-	-	-	-	-
WSP2025f_PU09	**10 Dec 2024**	**PU09**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	360	360	-	-	51	<0.01	-
WSP2025f_PU100	**13 Aug 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	130	130	-	-	-	-	-
WSP2025f_PU100	**10 Dec 2024**	**PU100**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	400	400	-	-	6.1	38	-
WSP2025f_PU101	**13 Aug 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	15,000.0	**9,200.0**	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	16,000.0	**8,600.0**	-	-	-	-	-
WSP2025f_PU101	**13 Aug 2024**	**QC15A**	**Interlab_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	10,600.0	3,360.0	-	-	-	-	-
WSP2025f_PU101	**10 Dec 2024**	**PU101**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	8,700.0	2,900.0	-	-	9.4	49	-
WSP2025f_PU103	**13 Aug 2024**	**PU103**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	480	480	-	-	-	-	-
WSP2025f_PU104	**13 Aug 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	2,000.0	1,800.0	-	-	-	-	-
WSP2025f_PU104	**10 Dec 2024**	**PU104**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	11	190	-
WSP2025f_PU104	**10 Dec 2024**	**QA02**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	1,100.0	-	-	10	130	-
WSP2025f_PU105	**13 Aug 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-
WSP2025f_PU105	**10 Dec 2024**	**PU105**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	20	20	-	-	4.8	1.8	-
WSP2025f_PU108	**13 Aug 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	40	-	-	-	-	-
WSP2025f_PU108	**10 Dec 2024**	**PU108**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	9.5	<0.01	-
WSP2025f_PU109	**13 Aug 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	310	310	-	-	-	-	-
WSP2025f_PU109	**10 Dec 2024**	**PU109**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	440	440	-	-	77	<0.01	-
WSP2025f_PU110	**13 Aug 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-
WSP2025f_PU110	**10 Dec 2024**	**PU110**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	6.8	<0.01	-
WSP2025f_PU111	**13 Aug 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	90	80	-	-	-	-	-
WSP2025f_PU111	**10 Dec 2024**	**QA01**	**Field_D**	**DU10, DU11**	**Old Garage and Southern Process Ur**	40	30	-	-	4.3	3.5	-
WSP2025f_PU111	**10 Dec 2024**	**PU111**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	40	-	-	5.3	3.6	-
WSP2025f_PU17	**07 Aug 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	50	50	-	-	-	-	-
WSP2025f_PU17	**10 Dec 2024**	**PU17**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	7.5	7.0	-
WSP2025f_PU18	**07 Aug 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	70	70	-	-	-	-	-
WSP2025f_PU18	**10 Dec 2024**	**PU18**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	30	30	-	-	5.2	0.30	-
WSP2025f_PU19	**07 Aug 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	1,100.0	780	-	-	-	-	-
WSP2025f_PU19	**10 Dec 2024**	**PU19**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	4.2	1.6	-
WSP2025f_PU20	**07 Aug 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	-	-	-
WSP2025f_PU20	**10 Dec 2024**	**PU20**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**	<20	<20	-	-	4.0	1.1	-

Table T03a - Groundwater Analytical Results

							Others				Halogenated Benzenes		Volatile Aliphatic Hydrocarbons
							C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	Bis(2-chloroethoxy) methane	4-Chlorophenyl phenyl ether	1,4-dichlorobenzene (SIM)	Chlorobenzene (SIM)	Cyclohexane
							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL							10	10	2	2	0.01	0.01	1
NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters													
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand								6,000 | 6,000 | 7,000 [#3]					
CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand								NL | NL | NL					
USEPA RSLs Tapwater THQ=1.0 (May 2024)									*59*				*13,000*
Location Code	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**								
WSP2025f_PU59	**05 Aug 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		1,200.0	1,200.0	-	-	-	-	-
WSP2025f_PU59	**10 Dec 2024**	**PU59**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		2,300.0	2,300.0	-	-	1,900.0	1,600.0	-
WSP2025f_PU60	**05 Aug 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		250	250	-	-	-	-	-
WSP2025f_PU60	**10 Dec 2024**	**PU60**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		90	90	-	-	<0.01	510	-
WSP2025f_PU61	**05 Aug 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-
WSP2025f_PU61	**10 Dec 2024**	**PU61**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	17	4.6	-
WSP2025f_PU99	**13 Aug 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		<20	<20	-	-	-	-	-
WSP2025f_PU99	**10 Dec 2024**	**PU99**	**Normal**	**DU10, DU11**	**Old Garage and Southern Process Ur**		330	330	-	-	6.6	<0.01	-
WSP2025d_PMW64	**12 Aug 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**		<20	<20	-	-	-	-	-
WSP2025i_PMW64	**11 Nov 2024**	**PMW64**	**Normal**	**DU17**	**RPIP Mountain**		<20	<20	-	-	-	-	-

Comments
#1 ADWG x10 (March 2015)
#2 ADWG x10 (as per Section 9.3.2)
#3 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction
#4 To obtain F2 subtract napthalene from the >C10 - C16 fraction.
#5 Reported Analyte LOR is higher than Requested Analyte LOR
#6 Value multiplied by 10

Environmental Standards
NHMRC, 2008, NHMRC 2008 - Guidelines for Managing Risks in Recreational Waters
2013, NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand
CRC Care, CRC Care 2011 Table B2 GW HSL Int. Main. Worker (Shallow Trench), Sand
US EPA, May 2024, USEPA RSLs Tapwater THQ=1.0 (May 2024)

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 [#1]		2 [#1]							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2025c_FTA_MW06	02 Nov 2023	DP01_FTA_MW06	Normal	DU14	DU14	0.02	0.08	0.18	2.8	0.06	0.16	<0.01	<0.01	0.76	2.2	2.2	4.9	2.8
WSP2025c_FTA_MW01	20 Apr 2016	FTA_MW01	Normal	DU14	DU14	-	-	-	-	-	1.63	-	-	-	-	-	-	0.9
WSP2025c_FTA_MW01	12 Aug 2019	FTA_MW01	Normal	DU14	DU14	-	0.088	0.092	0.7	0.031	2.2	-	0.003	1	4.6	3.3	5.5	4.6
WSP2025c_FTA_MW01	12 Feb 2024	FTA_MW01	Normal	DU14	DU14	0.002	0.01	0.012	0.14	<0.001	0.53	<0.001	<0.001	0.2	0.62	0.61	1.1	0.6
WSP2025c_FTA_MW01	12 Aug 2024	FTA_MW01	Normal	DU14	DU14	0.019	0.025	0.041	0.31	0.03	0.79	0.007	0.009	0.19	0.55	0.55	0.82	0.75
WSP2025c_FTA_MW01	07 Nov 2024	FTA_MW01	Normal	DU14	DU14	0.006	0.019	0.02	0.18	0.018	1.1	0.027	0.054	0.16	0.4	0.45	0.74	0.6
WSP2025c_FTA_MW02	20 Apr 2016	FTA_MW02	Normal	DU14	DU14	-	-	-	-	-	0.25	-	-	-	-	-	-	0.81
WSP2025c_FTA_MW02	04 May 2018	FTA_MW02	Normal	DU14	DU14	-	<0.02	<0.02	0.11	<0.02	0.54	-	<0.02	0.4	1	1.52	2.83	3.17
WSP2025c_FTA_MW02	12 Aug 2019	FTA_MW02	Normal	DU14	DU14	-	0.009	0.18	0.13	0.003	0.46	-	<0.001	0.82	1.8	1.5	9.9	4.7
WSP2025c_FTA_MW02	13 Aug 2020	FTA_MW02	Normal	DU14	DU14	<0.001	0.004	0.006	0.075	0.032	0.31	0.004	0.006	0.35	0.81	0.81	2.5	2.7
WSP2025c_FTA_MW02	05 Feb 2021	FTA_MW02	Normal	DU14	DU14	0.001	<0.001	0.008	0.087	0.004	0.99	0.009	<0.001	0.33	0.6	1.1	2.7	1.5
WSP2025c_FTA_MW02	06 Aug 2021	FTA_MW02	Normal	DU14	DU14	0.003	0.009	0.016	0.077	<0.001	<0.1	0.013	0.008	1.1	2.2	3.3	5.1	1.5
WSP2025c_FTA_MW02	10 Feb 2022	FTA_MW02	Normal	DU14	DU14	<0.01	<0.01	0.01	0.12	<0.01	0.63	<0.01	<0.01	0.55	1.3	1.5	4.1	2.1
WSP2025c_FTA_MW02	27 Sep 2022	FTA_MW02	Normal	DU14	DU14	<0.001	0.003	0.006	0.068	0.003	0.55	0.005	<0.001	0.18	0.38	0.52	2.5	1.8
WSP2025c_FTA_MW02	13 Feb 2023	FTA_MW02	Normal	DU14	DU14	0.002	0.008	0.006	0.13	0.007	0.44	0.006	<0.001	0.32	0.83	0.75	3.4	2
WSP2025c_FTA_MW02	07 Aug 2023	FTA_MW02	Normal	DU14	DU14	<0.001	0.008	0.013	0.2	0.009	0.66	0.002	<0.001	0.57	1.4	1.9	5.7	3.1
WSP2025c_FTA_MW02	12 Feb 2024	FTA_MW02	Normal	DU14	DU14	<0.001	0.006	0.007	0.11	0.005	0.59	0.001	<0.001	0.1	0.22	0.28	0.82	0.36
WSP2025c_FTA_MW02	12 Aug 2024	FTA_MW02	Normal	DU14	DU14	<0.001	0.004	0.007	0.088	0.003	0.51	0.004	<0.001	0.38	0.79	1.4	2.5	2.2
WSP2025c_FTA_MW02	07 Nov 2024	FTA_MW02	Normal	DU14	DU14	0.002	0.007	0.011	0.17	0.014	2.3	0.028	0.013	0.46	1.1	1.4	4.3	3.4
WSP2025c_FTA_MW03	20 Apr 2016	FTA_MW03	Normal	DU14	DU14	-	-	-	-	-	0.66	-	-	-	-	-	-	2.16
WSP2025c_FTA_MW03	04 May 2018	FTA_MW03	Normal	DU14	DU14	-	0.07	0.1	0.94	0.14	13	-	0.03	1	3.59	4.99	3.36	9.74
WSP2025c_FTA_MW03	12 Aug 2019	FTA_MW03	Normal	DU14	DU14	-	0.063	0.087	1	0.12	8.2	-	0.003	0.77	2.8	3	2.9	5.1
WSP2025c_FTA_MW03	13 Aug 2020	FTA_MW03	Normal	DU14	DU14	0.011	0.03	0.026	1.9	0.12	4.8	0.008	0.025	0.33	1.3	1.8	1.4	11
WSP2025c_FTA_MW03	05 Feb 2021	FTA_MW03	Normal	DU14	DU14	<0.001	0.08	0.061	0.83	0.08	9.1	0.16	0.012	0.5	1.4	1.8	1.7	2.8
WSP2025c_FTA_MW03	06 Aug 2021	FTA_MW03	Normal	DU14	DU14	0.03	0.047	0.058	0.97	0.1	7.2	0.039	0.031	0.62	2	2.6	2.4	2.6
WSP2025c_FTA_MW03	10 Feb 2022	FTA_MW03	Normal	DU14	DU14	0.02	0.06	0.07	0.72	0.08	5.7	0.12	<0.01	0.57	1.7	1.9	1.9	2.4
WSP2025c_FTA_MW03	27 Sep 2022	FTA_MW03	Normal	DU14	DU14	0.026	0.046	0.051	0.6	0.067	5.8	<0.1	<0.1	0.31	0.71	0.67	1.3	1.6
WSP2025c_FTA_MW03	13 Feb 2023	FTA_MW03	Normal	DU14	DU14	0.026	0.05	0.019	0.56	0.046	3.4	<0.1	<0.1	0.45	1.4	1.1	1.2	1.7
WSP2025c_FTA_MW03	07 Aug 2023	FTA_MW03	Normal	DU14	DU14	0.02	0.058	0.061	0.56	0.059	6	0.078	0.086	0.28	0.74	0.99	0.96	1.2
WSP2025c_FTA_MW03	12 Feb 2024	FTA_MW03	Normal	DU14	DU14	0.014	0.052	0.055	0.57	0.039	6.1	<0.001	<0.001	0.38	1.1	1	1.4	1.8
WSP2025c_FTA_MW03	12 Aug 2024	FTA_MW03	Normal	DU14	DU14	0.014	0.04	0.058	0.49	0.037	2.9	<0.1	<0.1	0.33	0.68	0.8	1.2	1.7
WSP2025c_FTA_MW03	07 Nov 2024	FTA_MW03	Normal	DU14	DU14	0.024	0.067	0.079	0.72	0.11	9.4	0.17	0.12	0.36	0.98	1.3	1.4	1.9
WSP2025c_FTA_MW04	20 Apr 2016	FTA_MW04	Normal	DU14	DU14	-	-	-	-	-	<0.01	-	-	-	-	-	-	<0.01
WSP2025c_FTA_MW04	04 May 2018	FTA_MW04	Normal	DU14	DU14	-	0.14	0.18	0.68	0.03	0.88	-	<0.02	1	3.67	3.29	2.66	1.85
WSP2025c_FTA_MW04	12 Aug 2019	FTA_MW04	Normal	DU14	DU14	-	0.12	0.14	1.3	0.037	0.77	-	<0.001	1.1	2.2	1.8	2.7	2.7
WSP2025c_FTA_MW04	13 Aug 2020	FTA_MW04	Normal	DU14	DU14	0.004	0.017	0.022	0.24	0.019	0.14	<0.001	0.007	0.16	0.48	0.43	0.41	0.33
WSP2025c_FTA_MW04	05 Feb 2021	FTA_MW04	Normal	DU14	DU14	0.029	0.053	0.068	0.42	0.031	0.78	0.009	0.007	0.19	0.73	0.66	0.68	0.74
WSP2025c_FTA_MW04	10 Feb 2022	FTA_MW04	Normal	DU14	DU14	0.01	0.07	0.1	0.52	0.04	0.25	<0.01	<0.01	0.3	1.1	1	1.1	0.71
WSP2025c_FTA_MW04	27 Sep 2022	FTA_MW04	Normal	DU14	DU14	0.021	0.076	0.11	0.67	0.061	1	<0.1	<0.1	0.63	2.8	1.5	2.3	1.4
WSP2025c_FTA_MW04	13 Feb 2023	FTA_MW04	Normal	DU14	DU14	0.016	0.05	0.037	0.36	0.043	0.28	0.003	0.003	0.23	0.75	0.5	0.63	0.48
WSP2025c_FTA_MW04	07 Aug 2023	FTA_MW04	Normal	DU14	DU14	0.008	0.063	0.081	0.65	0.044	0.86	0.004	0.003	0.39	1.5	0.93	1.4	0.98
WSP2025c_FTA_MW04	12 Aug 2024	FTA_MW04	Normal	DU14	DU14	0.011	0.056	0.2	4.3	0.32	5.8	<0.1	0.14	1.8	7.9	5.6	4.6	3.5
WSP2025c_FTA_HA06	09 Nov 2022	FTA-HA06-GW	Normal	DU14	DU14	<0.01	<0.01	<0.01	0.13	0.02	2.2	0.11	0.06	0.1	0.27	0.4	1.3	0.66
WSP2025c_FTA_HA07	09 Nov 2022	FTA-HA07-GW	Normal	DU14	DU14	0.09	0.08	0.05	0.35	0.02	12	0.6	0.66	0.14	0.38	0.68	0.52	1.2
WSP2025c_FTA_MW01	13 Aug 2020	FTA-MW01	Normal	DU14	DU14	0.01	0.035	0.054	0.89	0.062	3.7	0.039	0.016	0.58	1.7	1.5	3.1	3.6
WSP2025c_FTA_MW01	05 Feb 2021	FTA-MW01	Normal	DU14	DU14	0.026	0.048	0.05	0.37	0.047	3.1	<0.001	0.013	0.34	0.89	0.86	1.3	1.6
WSP2025c_FTA_MW01	06 Aug 2021	FTA-MW01	Normal	DU14	DU14	0.008	0.018	0.023	0.42	0.015	1	0.066	0.046	0.43	1.3	1.5	2.2	1.1
WSP2025c_FTA_MW01	10 Feb 2022	FTA-MW01	Normal	DU14	DU14	<0.01	0.02	0.03	0.24	0.03	1.6	0.03	<0.01	0.22	0.61	0.63	0.88	0.92
WSP2025c_FTA_MW01	27 Sep 2022	FTA-MW01	Normal	DU14	DU14	0.007	0.029	0.073	0.71	0.041	1.7	<0.1	<0.1	0.29	0.92	1.3	1.5	1.5
WSP2025c_FTA_MW01	13 Feb 2023	FTA-MW01	Normal	DU14	DU14	0.008	0.03	0.038	0.3	0.011	1.4	0.017	0.011	0.33	0.93	0.8	1.3	1.2
WSP2025c_FTA_MW01	07 Aug 2023	FTA-MW01	Normal	DU14	DU14	0.002	0.01	0.01	0.15	0.004	0.62	0.023	0.01	0.16	0.42	0.5	1.1	0.63
WSP2025c_FTA-MW05	12 Feb 2024	FTA-MW05	Normal	DU14	DU14	0.005	0.028	0.034	0.33	<0.001	3.7	<0.001	<0.001	0.2	0.75	0.76	1.2	2
WSP2025c_FTA-MW05	12 Aug 2024	FTA-MW05	Normal	DU14	DU14	0.005	0.032	0.062	0.75	0.034	8.6	<0.1	<0.1	0.32	0.97	1.3	1.8	1.9
WSP2025c_FTA-MW05	07 Nov 2024	FTA-MW05	Normal	DU14	DU14	0.042	0.16	0.17	1.4	0.061	4.7	0.17	0.16	0.53	1.6	2.4	2.3	2.7
WSP2025c_FTA_MW06	12 Feb 2024	FTA-MW06	Normal	DU14	DU14	0.007	0.039	0.076	1	0.065	<0.0001	<0.001	<0.001	0.41	0.94	0.77	2.6	2.3
WSP2025c_FTA_MW06	12 Aug 2024	FTA-MW06	Normal	DU14	DU14	<0.001	0.007	0.019	0.22	<0.001	0.24	<0.001	<0.001	0.15	0.31	0.38	1	1

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 [#1]		2 [#1]							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2025c_FTA_MW06	07 Nov 2024	FTA-MW06	Normal	DU14	DU14	0.008	0.03	0.059	1	0.055	0.43	0.001	<0.001	0.33	0.87	1.1	2.9	3.3
WSP2025c_FTA-MW07	12 Feb 2024	FTA-MW07	Normal	DU14	DU14	<0.001	<0.001	0.001	0.033	0.002	0.36	0.002	<0.001	0.024	0.042	0.048	0.08	0.047
WSP2025c_FTA-MW07	12 Aug 2024	FTA-MW07	Normal	DU14	DU14	<0.001	<0.001	0.002	0.038	0.001	0.22	0.002	<0.001	0.033	0.077	0.13	0.23	0.12
WSP2025c_FTA-MW07	07 Nov 2024	FTA-MW07	Normal	DU14	DU14	<0.001	0.002	0.002	0.04	0.005	0.3	0.003	0.005	0.031	0.056	0.075	0.11	0.15
WSP2025c_FTA-MW09	07 Nov 2024	FTA-MW09	Normal	DU14	DU14	0.003	0.009	0.015	0.22	0.016	1.5	0.037	0.022	0.14	0.39	0.43	0.89	0.84
WSP2025c_FTA-MW10	07 Nov 2024	FTA-MW10	Normal	DU14	DU14	0.003	0.021	0.026	0.25	0.015	0.082	<0.001	<0.001	0.035	0.058	0.089	0.15	0.13
WSP2025c_FTA-MW12	07 Nov 2024	FTA-MW12	Normal	DU14	DU14	0.08	0.38	0.54	2.8	0.31	14	0.12	0.053	0.39	1.1	1.3	1.8	2.1
WSP2025c_FTA-MW13	07 Nov 2024	FTA-MW13	Normal	DU14	DU14	0.003	0.021	0.024	0.16	0.012	0.42	0.007	0.003	0.067	0.13	0.19	0.46	0.23
WSP2025c_FTA-MW14	07 Nov 2024	FTA-MW14	Normal	DU14	DU14	0.007	0.031	0.05	0.64	0.17	17	0.042	0.006	0.26	1.5	0.62	1.7	1.4
WSP2025c_FTA-MW15	07 Nov 2024	FTA-MW15	Normal	DU14	DU14	0.005	0.014	0.024	0.45	0.028	0.81	0.005	0.003	0.28	0.87	0.55	1.2	0.61
WSP2025c_FTA-MW16	07 Nov 2024	FTA-MW16	Normal	DU14	DU14	0.002	0.009	0.013	0.14	0.035	1.1	0.012	0.001	0.12	0.25	0.35	1	0.53
WSP2025c_PP17	04 May 2018	PP17	Normal	DU14	DU14	-	0.08	0.14	0.47	0.02	2.26	-	<0.02	0.3	0.74	0.86	1.76	1.6
WSP2025c_PP17	12 Aug 2019	PP17	Normal	DU14	DU14	-	0.12	0.23	1.2	0.023	2.5	-	<0.001	0.48	1.5	1	1.7	1.8
WSP2025c_PP17	04 Aug 2020	PP17	Normal	DU14	DU14	0.035	0.24	0.42	3.1	0.1	1.4	0.02	<0.001	0.28	0.68	1.2	3	3.5
WSP2025c_PP17	05 Aug 2024	PP17	Normal	DU14	DU14	<0.1	<0.1	<0.1	0.54	<0.1	1.6	<0.1	<0.1	<0.5	0.3	0.37	1	1.3
WSP2025c_PP17	03 Feb 2020	PU17	Normal	DU14	DU14	<0.001	0.003	0.002	0.003	0.002	0.0066	<0.001	<0.001	0.02	0.017	0.024	0.04	0.031
WSP2025c_FTA_MW02	20 Apr 2016	QC01	Field_D	DU14	DU14	-	-	-	-	-	0.24	-	-	-	-	-	-	0.81
WSP2025d_PMW61	08 Aug 2024	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.006	<0.001	0.035	<0.001	<0.001	0.026	0.051	0.11	0.18	0.19
WSP2024d_PMW61	23 Sep 2022	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.004	<0.001	0.002	0.05	<0.001	<0.001	0.06	0.09	0.16	0.47	0.38
WSP2025i_PMW61	07 Nov 2024	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	0.001	0.001	0.021	<0.001	0.065	<0.001	-	-	-	-	-	-
WSP2024d_PMW61	10 Feb 2022	PMW61	Normal	DU17	Eastern Tank Farm	<0.01	<0.01	<0.01	0.02	<0.01	0.16	<0.01	<0.01	0.11	0.18	0.27	0.92	0.79
WSP2024d_PU46	03 Aug 2023	PU46	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.002	<0.001	0.005	<0.001	<0.001	0.015	0.047	0.025	0.02	0.016
WSP2024d_PU46	23 Sep 2022	PU46	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.004	<0.001	0.057	<0.001	<0.001	<0.05	0.06	0.05	0.04	0.02
WSP2024d_PU47	03 Aug 2023	PU47	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.01	<0.001	0.039	<0.001	<0.001	0.22	0.82	0.52	0.31	0.1
WSP2024d_PU47	23 Sep 2022	PU47	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.001	0.052	0.025	0.26	0.007	<0.001	<0.05	0.11	0.09	0.15	0.13
WSP2024d_PU48	23 Sep 2022	PU48	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.002	<0.001	0.019	<0.001	<0.001	<0.05	0.11	0.08	0.1	0.03
WSP2024d_PU48	03 Aug 2023	PU48	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.002	<0.001	0.02	<0.001	<0.001	0.035	0.11	0.006	0.073	0.035
WSP2024d_PU49	03 Aug 2023	PU49	Normal	DU17	Eastern Tank Farm	<0.001	0.001	<0.001	0.007	<0.001	0.009	<0.001	<0.001	0.12	0.28	0.023	0.39	0.13
WSP2024d_PU49	23 Sep 2022	PU49	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.004	<0.001	0.038	<0.001	<0.001	<0.05	0.09	0.06	0.09	0.04
WSP2024d_PU51	03 Aug 2023	PU51	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.001	<0.001	0.0028	<0.001	<0.001	0.029	0.089	0.024	0.079	0.043
WSP2024d_PU51	23 Sep 2022	PU51	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.002	<0.001	0.003	<0.001	<0.001	0.05	0.13	0.09	0.06	0.03
WSP2024d_PU66	03 Aug 2023	PU66	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	<0.001	<0.001	0.0079	<0.001	<0.001	<0.005	0.016	0.01	0.009	0.008
WSP2024d_PU66	23 Sep 2022	PU66	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.003	<0.001	0.026	<0.001	<0.001	<0.05	0.1	0.05	0.09	0.04
WSP2024d_PU67	03 Aug 2023	PU67	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.004	<0.001	0.0059	<0.001	<0.001	0.028	0.068	0.052	0.063	0.033
WSP2024d_PU67	23 Sep 2022	PU67	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.006	<0.001	0.012	<0.001	<0.001	0.05	0.2	0.12	0.11	0.06
WSP2024d_PU68	23 Sep 2022	PU68	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.002	<0.001	0.0055	<0.001	<0.001	0.38	1.2	0.55	0.65	0.16
WSP2024d_PU68	03 Aug 2023	PU68	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.001	<0.001	0.0072	<0.001	<0.001	0.58	2.3	0.13	1	0.39
WSP2024d_PU69	03 Aug 2023	PU69	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	<0.001	<0.001	0.0064	<0.001	<0.001	0.3	0.76	0.38	0.41	0.1
WSP2024d_PU69	23 Sep 2022	PU69	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.003	<0.001	0.0081	<0.001	<0.001	0.11	0.23	0.16	0.12	0.03
WSP2024d_PU70	23 Sep 2022	PU70	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.002	0.025	0.003	0.0072	<0.001	<0.001	0.12	0.45	0.34	0.14	0.15
WSP2024d_PU70	03 Aug 2023	PU70	Normal	DU17	Eastern Tank Farm	<0.001	0.007	0.008	0.053	0.005	0.042	<0.001	<0.001	0.12	0.45	0.27	0.16	0.089
WSP2024d_PU71	23 Sep 2022	PU71	Normal	DU17	Eastern Tank Farm	<0.001	0.004	0.003	0.057	0.032	0.11	<0.001	<0.001	0.44	2	0.95	0.3	0.27
WSP2024d_PU71	03 Aug 2023	PU71	Normal	DU17	Eastern Tank Farm	0.005	0.03	0.071	0.29	0.015	0.16	<0.001	<0.001	0.33	1.5	1.1	0.57	0.21
WSP2024d_PU72	03 Aug 2023	PU72	Normal	DU17	Eastern Tank Farm	0.001	0.013	0.036	0.29	0.012	0.95	<0.001	<0.001	0.13	0.44	0.36	0.26	0.21
WSP2024d_PU72	23 Sep 2022	PU72	Normal	DU17	Eastern Tank Farm	0.002	0.011	0.031	0.43	0.17	1.3	<0.001	<0.001	<0.05	0.15	0.18	0.21	0.46
WSP2024d_PU73	23 Sep 2022	PU73	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.002	0.027	0.013	0.085	<0.001	<0.001	<0.05	0.06	0.05	0.05	0.01
WSP2024d_PU73	03 Aug 2023	PU73	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.002	0.029	<0.001	0.15	<0.001	<0.001	0.018	0.036	0.036	0.032	0.027
WSP2024d_PU75	01 Aug 2023	PU75	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.05	0.02	0.01	<0.01	<0.01
WSP2024d_PU75	20 Sep 2022	PU75	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.001	0.013	<0.001	0.025	<0.001	<0.001	<0.05	0.13	0.1	0.14	0.11
WSP2024d_PU76	20 Sep 2022	PU76	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.002	<0.001	0.012	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PU76	01 Aug 2023	PU76	Normal	DU17	Eastern Tank Farm	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU77	03 Aug 2023	PU77	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.009	<0.001	0.019	<0.001	<0.001	0.18	0.48	0.4	0.92	0.8
WSP2024d_PU77	23 Sep 2022	PU77	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.003	0.027	0.001	0.027	<0.001	<0.001	0.09	0.21	0.24	0.47	0.33
WSP2024d_PU94	03 Aug 2023	PU94	Normal	DU17	Eastern Tank Farm	<0.001	0.006	<0.001	0.1	0.008	1	<0.001	<0.001	0.022	0.037	0.05	0.067	0.041
WSP2024d_PU94	23 Sep 2022	PU94	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.011	0.14	0.028	1.1	<0.001	<0.001	0.13	0.38	0.26	0.12	0.08
WSP2024d_PU95	23 Sep 2022	PU95	Normal	DU17	Eastern Tank Farm	0.01	0.033	0.072	1.1	0.26	0.18	<0.001	<0.001	0.15	0.61	1.1	0.43	0.5

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 [#1]		2 [#1]							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PU95	03 Aug 2023	PU95	Normal	DU17	Eastern Tank Farm	<0.001	0.026	0.043	0.25	0.021	1.6	<0.001	<0.001	0.1	0.31	0.36	0.2	0.086
WSP2024d_PU96	03 Aug 2023	PU96	Normal	DU17	Eastern Tank Farm	0.003	0.028	0.025	0.42	0.013	0.22	<0.001	<0.001	0.094	0.37	0.028	0.24	0.28
WSP2024d_PU96	23 Sep 2022	PU96	Normal	DU17	Eastern Tank Farm	0.005	0.02	0.031	0.48	0.056	1.5	<0.001	<0.001	0.34	1.1	0.74	0.62	0.38
WSP2024d_PU97	03 Aug 2023	PU97	Normal	DU17	Eastern Tank Farm	0.002	0.013	0.016	0.16	0.002	0.45	<0.001	<0.001	0.27	0.95	0.45	0.33	0.27
WSP2024d_PU97	23 Sep 2022	PU97	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.006	0.13	0.021	1.3	<0.001	<0.001	0.05	0.19	0.2	0.2	0.19
WSP2024d_PU98	23 Sep 2022	PU98	Normal	DU17	Eastern Tank Farm	0.002	0.013	0.018	0.33	0.094	0.22	<0.001	<0.001	0.11	0.33	0.52	0.26	0.47
WSP2024d_PU98	03 Aug 2023	PU98	Normal	DU17	Eastern Tank Farm	0.008	0.094	0.15	0.36	0.026	0.31	<0.001	<0.001	0.22	0.74	0.97	0.36	0.12
WSP2024d_W08	20 Sep 2022	W08	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.004	<0.001	0.046	<0.001	<0.001	<0.05	0.13	0.08	0.08	0.04
WSP2024d_W09	20 Sep 2022	W09	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.003	<0.001	0.016	<0.001	<0.001	<0.05	0.03	0.02	0.02	0.01
WSP2024d_W10	20 Sep 2022	W10	Normal	DU17	Eastern Tank Farm	<0.001	0.008	0.026	0.56	0.089	0.45	<0.001	<0.001	<0.05	0.07	0.1	0.14	0.22
WSP2024d_W11	20 Sep 2022	W11	Normal	DU17	Eastern Tank Farm	0.001	0.011	0.06	0.45	0.042	1.4	<0.001	<0.001	0.06	0.18	0.13	0.12	0.1
WSP2024d_W12	20 Sep 2022	W12	Normal	DU17	Eastern Tank Farm	<0.001	0.004	0.011	0.11	<0.001	0.01	<0.001	<0.001	<0.05	0.01	0.04	0.07	0.04
WSP2024d_W13	20 Sep 2022	W13	Normal	DU17	Eastern Tank Farm	0.004	0.021	0.043	0.65	0.036	1.1	<0.001	<0.001	0.23	1	0.95	0.38	0.26
WSP2024d_W16	20 Sep 2022	W16	Normal	DU17	Eastern Tank Farm	0.003	0.024	0.064	0.94	0.058	0.56	<0.001	<0.001	0.06	0.17	0.34	0.3	0.44
WSP2024d_W17	20 Sep 2022	W17	Normal	DU17	Eastern Tank Farm	<0.001	0.005	0.025	0.84	0.051	0.076	<0.001	<0.001	<0.05	0.08	0.11	0.12	0.19
WSP2024d_W18	20 Sep 2022	W18	Normal	DU17	Eastern Tank Farm	<0.001	0.001	0.004	0.13	<0.001	0.019	<0.001	<0.001	<0.05	0.05	0.07	0.08	0.04
WSP2024d_W19	20 Sep 2022	W19	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.007	0.14	0.005	0.026	<0.001	<0.001	<0.05	0.07	0.09	0.08	0.06
WSP2024d_W20	20 Sep 2022	W20	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.005	0.083	0.002	0.028	<0.001	<0.001	<0.05	0.05	0.03	0.08	0.03
WSP2024d_W21	20 Sep 2022	W21	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.001	0.008	<0.001	0.04	<0.001	<0.001	<0.05	0.07	0.07	0.08	0.03
WSP2024d_W22	20 Sep 2022	W22	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.001	0.008	<0.001	0.032	<0.001	<0.001	<0.05	0.1	0.1	0.11	0.04
WSP2024d_BP01	08 Feb 2022	BP01	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_BP01	27 Sep 2022	BP01	Normal	DU17	Former CLOR	<0.001	0.011	0.015	0.12	0.003	0.021	<0.001	<0.001	0.05	0.23	0.17	0.09	0.06
WSP2024d_BP01	13 Feb 2023	BP01	Normal	DU17	Former CLOR	<0.001	0.003	0.005	0.034	0.004	0.041	<0.001	<0.001	<0.05	0.11	0.08	0.05	0.04
WSP2024d_BP01	07 Aug 2023	BP01	Normal	DU17	Former CLOR	0.003	0.017	0.023	0.23	0.011	0.43	<0.001	<0.001	0.13	0.65	0.42	0.28	0.23
WSP2024d_CLOR1	08 Feb 2022	CLOR1	Normal	DU17	Former CLOR	0.03	0.08	0.1	0.79	0.07	1.7	<0.01	<0.01	0.14	0.43	0.43	0.31	0.29
WSP2024d_CLOR1	27 Sep 2022	CLOR1	Normal	DU17	Former CLOR	<0.001	0.011	0.027	0.68	0.025	0.38	<0.001	<0.001	0.14	0.34	0.37	1.5	1.3
WSP2024d_CLOR1	13 Feb 2023	CLOR1	Normal	DU17	Former CLOR	0.009	0.025	0.017	0.28	0.052	1.5	<0.001	<0.001	0.06	0.18	0.17	0.21	0.2
WSP2024d_CLOR1	07 Aug 2023	CLOR1	Normal	DU17	Former CLOR	0.004	0.041	0.053	0.83	0.074	2.7	<0.001	<0.001	0.12	0.43	0.32	0.36	0.35
WSP2024d_CMW01	26 Sep 2022	CMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.007	<0.001	0.012	<0.001	<0.001	<0.05	0.04	0.01	0.02	0.02
WSP2024d_CMW01	11 Aug 2023	CMW01	Normal	DU17	Former CLOR	<0.001	<0.001	0.006	0.037	0.001	0.036	<0.001	<0.001	0.088	0.21	0.14	0.1	0.064
WSP2024d_CMW02	14 Feb 2022	CMW02	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	0.28	<0.1	<0.1	<0.1	0.11	<0.1	<0.1	<0.1
WSP2024d_CMW02	26 Sep 2022	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.007	<0.001	0.027	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.02
WSP2024d_CMW02	16 Feb 2023	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.036	0.005	0.13	<0.001	<0.001	<0.05	0.03	0.02	0.02	0.02
WSP2024d_CMW02	11 Aug 2023	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	0.005	0.019	0.003	0.14	<0.001	<0.001	0.006	0.032	0.01	0.011	0.016
WSP2024d_CMW03	26 Sep 2022	CMW03	Normal	DU17	Former CLOR	0.012	0.047	0.056	0.53	0.045	4	<0.1	<0.1	0.3	1.6	0.67	0.7	0.59
WSP2024d_CMW03	10 Aug 2023	CMW03	Normal	DU17	Former CLOR	0.006	0.043	0.052	0.51	0.034	5.6	0.012	<0.001	0.27	1.3	0.76	0.72	0.58
WSP2024d_CMW04	26 Sep 2022	CMW04	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.004	<0.001	0.0064	<0.001	<0.001	<0.05	<0.01	<0.01	0.01	0.02
WSP2024d_CMW04	11 Aug 2023	CMW04	Normal	DU17	Former CLOR	0.001	<0.001	<0.001	0.012	0.002	0.027	<0.001	<0.001	<0.005	0.055	0.029	0.032	0.041
WSP2024d_CMW05	26 Sep 2022	CMW05	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.001	<0.001	0.012	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_CMW06	26 Sep 2022	CMW06	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.015	<0.001	0.012	<0.001	<0.001	<0.05	0.04	0.03	0.02	0.01
WSP2024d_CMW06	11 Aug 2023	CMW06	Normal	DU17	Former CLOR	0.002	0.002	0.005	0.015	<0.001	0.011	<0.001	<0.001	0.015	0.023	0.015	0.013	0.013
WSP2024d_CMW07	26 Sep 2022	CMW07	Normal	DU17	Former CLOR	<0.001	<0.001	0.003	0.021	<0.001	0.022	<0.001	<0.001	<0.05	0.06	0.03	0.02	0.01
WSP2024d_CMW07	10 Aug 2023	CMW07	Normal	DU17	Former CLOR	<0.001	0.002	0.001	0.006	<0.001	0.027	<0.001	<0.001	0.008	0.006	0.005	0.004	0.004
WSP2024d_CMW08	26 Sep 2022	CMW08	Normal	DU17	Former CLOR	<0.001	<0.001	0.001	0.016	0.002	0.063	<0.001	<0.001	<0.05	0.04	0.03	0.03	0.03
WSP2024d_CMW08	10 Aug 2023	CMW08	Normal	DU17	Former CLOR	<0.001	0.002	<0.001	0.014	0.001	0.068	0.002	<0.001	0.02	0.029	0.03	0.046	0.024
WSP2024d_CMW09	26 Sep 2022	CMW09	Normal	DU17	Former CLOR	<0.001	0.005	0.008	0.053	<0.001	0.048	<0.001	<0.001	0.11	0.34	0.21	0.23	0.17
WSP2024d_CMW09	10 Aug 2023	CMW09	Normal	DU17	Former CLOR	0.004	<0.001	<0.001	0.039	<0.001	0.048	<0.001	<0.001	0.041	0.09	0.07	0.073	0.085
WSP2024d_CMW10	26 Sep 2022	CMW10	Normal	DU17	Former CLOR	<0.001	0.005	0.006	0.032	<0.001	0.035	<0.001	<0.001	0.05	0.12	0.07	0.09	0.12
WSP2024d_CMW10	11 Aug 2023	CMW10	Normal	DU17	Former CLOR	0.001	0.022	0.006	0.049	0.004	0.046	<0.001	<0.001	0.043	0.11	0.059	0.082	0.14
WSP2024d_CMW11	26 Sep 2022	CMW11	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.32	1.9	1.4	0.48	0.91
WSP2024d_CMW11	10 Aug 2023	CMW11	Normal	DU17	Former CLOR	0.002	0.015	0.01	0.19	0.017	0.039	<0.001	<0.001	0.16	0.71	0.45	0.24	0.32
WSP2024d_CMW12	26 Sep 2022	CMW12	Normal	DU17	Former CLOR	0.098	0.17	0.15	1.1	0.15	3.7	<0.1	<0.1	0.36	1.9	0.88	0.8	0.73
WSP2024d_CMW12	10 Aug 2023	CMW12	Normal	DU17	Former CLOR	0.025	0.13	0.14	1.1	0.098	4.1	<0.001	<0.001	0.41	2	1.4	0.91	0.66
WSP2024d_CMW14	26 Sep 2022	CMW14	Normal	DU17	Former CLOR	0.032	0.1	0.13	1.1	0.11	6.8	<0.1	<0.1	0.5	2.8	1.1	1	0.81
WSP2024d_CMW14	10 Aug 2023	CMW14	Normal	DU17	Former CLOR	0.006	0.043	0.055	0.53	0.031	6.1	<0.001	<0.001	0.34	1.7	1.2	0.77	0.6
WSP2024d_CMW15	26 Sep 2022	CMW15	Normal	DU17	Former CLOR	0.014	0.047	0.055	0.57	0.045	3.1	<0.1	<0.1	0.25	1.2	0.7	0.73	0.63

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 [#1]		2 [#1]							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_CMW15	10 Aug 2023	CMW15	Normal	DU17	Former CLOR	0.005	0.025	0.029	0.61	0.037	4.6	<0.001	<0.001	0.25	1.2	0.69	0.61	0.49
WSP2024d_CMW16	14 Feb 2022	CMW16	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_CMW16	16 Feb 2023	CMW16	Normal	DU17	Former CLOR	<0.001	<0.001	0.006	0.028	0.002	0.071	<0.001	<0.001	<0.05	<0.01	0.02	<0.01	0.02
WSP2024d_CMW16	11 Aug 2023	CMW16	Normal	DU17	Former CLOR	<0.001	0.003	0.003	0.024	0.002	0.062	<0.001	<0.001	<0.05	<0.05	0.009	0.016	0.016
WSP2024d_CMW19	26 Sep 2022	CMW19	Normal	DU17	Former CLOR	<0.001	<0.001	0.005	0.043	0.002	0.28	<0.001	<0.001	<0.05	0.05	0.03	0.04	0.07
WSP2024d_CMW19	10 Aug 2023	CMW19	Normal	DU17	Former CLOR	0.002	<0.001	0.008	0.075	0.003	0.23	<0.001	<0.001	0.037	0.13	0.073	0.074	0.13
WSP2024d_CMW22	26 Sep 2022	CMW22	Normal	DU17	Former CLOR	<0.001	<0.001	0.009	0.035	<0.001	0.051	<0.001	<0.001	0.09	0.2	0.16	0.14	0.11
WSP2024d_CMW22	11 Aug 2023	CMW22	Normal	DU17	Former CLOR	0.052	0.17	0.029	0.032	<0.001	0.042	<0.001	<0.001	0.12	0.31	0.17	0.085	0.052
WSP2024d_CMW29	26 Sep 2022	CMW29	Normal	DU17	Former CLOR	<0.001	0.004	0.003	0.015	<0.001	0.089	<0.001	<0.001	<0.05	0.03	0.04	0.02	0.02
WSP2024d_CMW29	11 Aug 2023	CMW29	Normal	DU17	Former CLOR	0.001	0.05	0.012	0.096	0.01	0.57	<0.001	<0.001	0.079	0.24	0.13	0.1	0.13
WSP2024d_CMW30	26 Sep 2022	CMW30	Normal	DU17	Former CLOR	<0.001	0.026	<0.001	0.25	0.053	7.9	0.004	<0.001	0.07	<0.01	0.33	0.14	0.1
WSP2024d_CMW30	10 Aug 2023	CMW30	Normal	DU17	Former CLOR	<0.001	0.35	0.096	0.33	0.069	8	0.01	<0.001	0.15	0.9	0.52	0.28	0.14
WSP2024d_CMW31	26 Sep 2022	CMW31	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.004	<0.001	0.04	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_CMW31	10 Aug 2023	CMW31	Normal	DU17	Former CLOR	<0.001	0.003	0.005	0.004	<0.001	0.031	<0.001	<0.001	0.069	<0.001	0.011	0.006	0.006
WSP2024d_CMW32	26 Sep 2022	CMW32	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.047	<0.001	0.21	<0.001	<0.001	<0.05	0.09	0.08	0.05	0.04
WSP2024d_CMW32	10 Aug 2023	CMW32	Normal	DU17	Former CLOR	0.01	0.079	0.079	0.55	0.022	0.87	<0.001	<0.001	0.29	1.4	0.85	0.59	0.46
WSP2024d_OMW01	20 Sep 2022	OMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.002	<0.001	0.057	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW01	01 Aug 2023	OMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.005	<0.001	0.056	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW02	20 Sep 2022	OMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.003	<0.001	0.059	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW03	20 Sep 2022	OMW03	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	<0.001	<0.001	0.0009	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW03	01 Aug 2023	OMW03	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1
WSP2024d_OMW04	20 Sep 2022	OMW04	Normal	DU17	Former CLOR	<0.001	0.001	<0.001	0.015	<0.001	0.063	<0.001	<0.001	<0.05	0.01	<0.01	<0.01	0.01
WSP2024d_OMW04A	01 Aug 2023	OMW04A	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.011	<0.001	0.024	<0.001	<0.001	<0.05	0.03	0.02	0.02	0.02
WSP2024d_OMW05	20 Sep 2022	OMW05	Normal	DU17	Former CLOR	<0.001	0.002	0.004	0.023	<0.001	0.017	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW05	01 Aug 2023	OMW05	Normal	DU17	Former CLOR	<0.001	0.006	0.003	0.017	<0.001	0.043	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW06	20 Sep 2022	OMW06	Normal	DU17	Former CLOR	<0.001	0.003	0.002	0.022	<0.001	0.0097	<0.001	<0.001	<0.05	0.01	0.01	0.01	0.01
WSP2024d_OMW06	01 Aug 2023	OMW06	Normal	DU17	Former CLOR	<0.001	0.002	0.003	0.018	<0.001	0.0093	<0.001	<0.001	<0.05	0.02	0.02	0.01	<0.01
WSP2024d_OMW09	20 Sep 2022	OMW09	Normal	DU17	Former CLOR	<0.001	0.005	0.01	0.13	0.007	0.1	<0.001	<0.001	0.19	0.49	0.33	0.45	0.24
WSP2024d_OMW09	01 Aug 2023	OMW09	Normal	DU17	Former CLOR	<0.001	<0.001	0.006	0.11	0.005	0.3	<0.001	<0.001	0.12	0.38	0.32	0.88	0.52
WSP2024d_OMW10	20 Sep 2022	OMW10	Normal	DU17	Former CLOR	0.008	0.021	0.029	0.26	0.017	0.52	0.001	<0.001	0.06	0.12	0.2	0.24	0.12
WSP2024d_OMW10	01 Aug 2023	OMW10	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	0.32	<0.1	0.83	<0.1	<0.1	<0.5	0.37	0.29	0.32	0.2
WSP2024d_OMW11	20 Sep 2022	OMW11	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	<0.001	<0.001	0.0052	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW11	01 Aug 2023	OMW11	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_OMW12	20 Sep 2022	OMW12	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.01	0.001	0.11	<0.001	<0.001	<0.05	0.04	0.03	0.03	0.04
WSP2024d_PMW10	08 Feb 2022	PMW10	Normal	DU17	Former CLOR	0.02	0.06	0.08	0.79	0.06	5.9	<0.01	<0.01	0.22	1.2	1.1	0.55	0.43
WSP2024d_PMW10	27 Sep 2022	PMW10	Normal	DU17	Former CLOR	0.013	0.1	0.092	0.6	0.034	3.2	<0.1	<0.1	0.32	1.3	0.87	0.75	0.58
WSP2024d_PMW10	13 Feb 2023	PMW10	Normal	DU17	Former CLOR	0.001	0.004	0.002	0.036	0.004	0.22	<0.001	<0.001	<0.05	0.07	0.05	0.03	0.02
WSP2024d_PMW10	07 Aug 2023	PMW10	Normal	DU17	Former CLOR	0.005	0.062	0.12	1	0.12	4.7	0.012	<0.001	0.36	1.9	0.87	0.74	0.65
WSP2024d_PMW30	08 Feb 2022	PMW30	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.05	0.06	0.05	0.03	0.02
WSP2024d_PMW30	27 Sep 2022	PMW30	Normal	DU17	Former CLOR	<0.001	0.008	0.004	0.047	<0.001	0.044	<0.001	<0.001	0.1	0.33	0.19	0.17	0.08
WSP2024d_PMW30	13 Feb 2023	PMW30	Normal	DU17	Former CLOR	<0.001	0.008	0.005	0.055	0.005	0.046	<0.001	<0.001	<0.05	0.13	0.06	0.07	0.07
WSP2024d_PMW30	07 Aug 2023	PMW30	Normal	DU17	Former CLOR	<0.001	<0.001	0.006	0.052	0.002	0.035	<0.001	<0.001	<0.1	0.29	0.12	0.11	0.078
WSP2024d_PMW38	08 Feb 2022	PMW38	Normal	DU17	Former CLOR	<0.01	0.01	0.01	0.12	0.01	0.98	<0.01	<0.01	<0.05	0.15	0.13	0.06	0.07
WSP2024d_PMW38	27 Sep 2022	PMW38	Normal	DU17	Former CLOR	<0.001	0.01	0.011	0.091	0.007	1.1	0.004	<0.001	<0.05	0.2	0.15	0.08	0.08
WSP2024d_PMW38	13 Feb 2023	PMW38	Normal	DU17	Former CLOR	0.003	0.019	0.032	0.19	0.01	1	<0.001	<0.001	0.08	0.36	0.27	0.16	0.15
WSP2024d_PMW38	07 Aug 2023	PMW38	Normal	DU17	Former CLOR	0.003	0.028	0.034	0.24	0.012	0.2	<0.001	<0.001	0.12	0.65	0.37	0.27	0.2
WSP2024d_PMW41	08 Feb 2022	PMW41	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW41	27 Sep 2022	PMW41	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.004	<0.001	0.04	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.02
WSP2024d_PMW41	13 Feb 2023	PMW41	Normal	DU17	Former CLOR	<0.001	0.001	<0.001	0.013	0.001	0.051	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW41	07 Aug 2023	PMW41	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PMW42	08 Feb 2022	PMW42	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW42	27 Sep 2022	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.002	<0.001	0.0077	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW42	13 Feb 2023	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.002	<0.001	0.0074	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW42	07 Aug 2023	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.003	<0.001	0.011	<0.001	<0.001	0.008	0.002	0.003	0.004	0.004
WSP2024d_PMW49	08 Feb 2022	PMW49	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.05	0.04	0.03	0.02	0.01
WSP2024d_PMW49	27 Sep 2022	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.015	<0.001	0.12	<0.001	<0.001	<0.05	0.04	0.03	0.02	0.02

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 [#1]		2 [#1]							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PMW49	13 Feb 2023	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.008	<0.001	0.017	<0.001	<0.001	<0.05	0.01	<0.01	<0.01	<0.01
WSP2024d_PMW49	07 Aug 2023	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	0.007	0.075	0.01	0.27	<0.001	<0.001	0.027	0.091	0.084	0.057	0.051
WSP2024d_PMW50	08 Feb 2022	PMW50	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	0.03	<0.01	0.04	<0.01	<0.01	<0.05	0.01	0.01	0.01	0.02
WSP2024d_PMW50	27 Sep 2022	PMW50	Normal	DU17	Former CLOR	<0.001	<0.001	0.001	0.018	<0.001	0.016	<0.001	<0.001	<0.05	0.02	0.02	0.02	0.01
WSP2024d_PMW50	13 Feb 2023	PMW50	Normal	DU17	Former CLOR	<0.001	0.001	<0.001	0.011	<0.001	0.018	<0.001	<0.001	<0.05	<0.01	0.01	<0.01	<0.01
WSP2024d_PMW50	07 Aug 2023	PMW50	Normal	DU17	Former CLOR	<0.001	0.005	0.003	0.026	<0.001	0.04	<0.001	<0.001	0.011	0.033	0.021	0.016	0.019
WSP2024d_PMW51	08 Feb 2022	PMW51	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	0.04	<0.01	0.07	<0.01	<0.01	<0.05	0.14	0.12	0.05	0.04
WSP2024d_PMW51	27 Sep 2022	PMW51	Normal	DU17	Former CLOR	0.007	0.038	0.04	0.32	0.016	0.2	<0.001	<0.001	0.12	0.54	0.44	0.34	0.2
WSP2024d_PMW51	13 Feb 2023	PMW51	Normal	DU17	Former CLOR	0.008	0.018	0.023	0.16	0.01	0.17	<0.001	<0.001	0.07	0.25	0.17	0.1	0.07
WSP2024d_PMW51	07 Aug 2023	PMW51	Normal	DU17	Former CLOR	<0.001	<0.001	0.012	0.17	0.007	0.3	<0.001	<0.001	0.095	0.29	0.2	0.14	0.095
WSP2024d_PMW53	08 Feb 2022	PMW53	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW53	27 Sep 2022	PMW53	Normal	DU17	Former CLOR	<0.001	<0.001	<0.001	0.006	<0.001	0.022	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.02
WSP2024d_PMW53	13 Feb 2023	PMW53	Normal	DU17	Former CLOR	<0.001	0.001	<0.001	0.007	0.001	0.068	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.02
WSP2024d_PMW53	07 Aug 2023	PMW53	Normal	DU17	Former CLOR	<0.001	0.001	<0.001	0.006	<0.001	0.017	<0.001	<0.001	0.007	0.007	0.006	0.005	0.008
WSP2024d_PMW57	08 Feb 2022	PMW57	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	0.06	<0.01	0.05	<0.01	<0.01	<0.05	0.02	0.02	0.02	0.01
WSP2024d_PMW57	27 Sep 2022	PMW57	Normal	DU17	Former CLOR	<0.001	<0.001	0.006	0.053	0.005	0.073	<0.001	<0.001	<0.05	0.04	0.04	0.03	0.02
WSP2024d_PMW57	13 Feb 2023	PMW57	Normal	DU17	Former CLOR	<0.001	<0.001	0.002	0.016	0.002	0.037	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW57	07 Aug 2023	PMW57	Normal	DU17	Former CLOR	<0.001	0.002	<0.001	0.014	0.002	0.034	<0.001	<0.001	0.011	0.006	0.009	0.011	0.01
WSP2024d_FTA-MW01	10 Feb 2022	FTA-MW01	Normal	DU17	Former Fire Training Area	<0.01	0.02	0.03	0.24	0.03	1.6	0.03	<0.01	0.22	0.61	0.63	0.88	0.92
WSP2024d_FTA-MW01	27 Sep 2022	FTA-MW01	Normal	DU17	Former Fire Training Area	0.007	0.029	0.073	0.71	0.041	1.7	<0.1	<0.1	0.29	0.92	1.3	1.5	1.5
WSP2024d_FTA-MW01	13 Feb 2023	FTA-MW01	Normal	DU17	Former Fire Training Area	0.008	0.03	0.038	0.3	0.011	1.4	0.017	0.011	0.33	0.93	0.8	1.3	1.2
WSP2024d_FTA-MW01	07 Aug 2023	FTA-MW01	Normal	DU17	Former Fire Training Area	0.002	0.01	0.01	0.15	0.004	0.62	0.023	0.01	0.16	0.42	0.5	1.1	0.63
WSP2024d_FTA-MW02	10 Feb 2022	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.01	<0.01	0.01	0.12	<0.01	0.63	<0.01	<0.01	0.55	1.3	1.5	4.1	2.1
WSP2024d_FTA-MW02	27 Sep 2022	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.001	0.003	0.006	0.068	0.003	0.55	0.005	<0.001	0.18	0.38	0.52	2.5	1.8
WSP2024d_FTA-MW02	13 Feb 2023	FTA-MW02	Normal	DU17	Former Fire Training Area	0.002	0.008	0.006	0.13	0.007	0.44	0.006	<0.001	0.32	0.83	0.75	3.4	2
WSP2024d_FTA-MW02	07 Aug 2023	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.001	0.008	0.013	0.2	0.009	0.66	0.002	<0.001	0.57	1.4	1.9	5.7	3.1
WSP2024d_FTA-MW03	10 Feb 2022	FTA-MW03	Normal	DU17	Former Fire Training Area	0.02	0.06	0.07	0.72	0.08	5.7	0.12	<0.01	0.57	1.7	1.9	1.9	2.4
WSP2024d_FTA-MW03	27 Sep 2022	FTA-MW03	Normal	DU17	Former Fire Training Area	0.026	0.046	0.051	0.6	0.067	5.8	<0.1	<0.1	0.31	0.71	0.67	1.3	1.6
WSP2024d_FTA-MW03	13 Feb 2023	FTA-MW03	Normal	DU17	Former Fire Training Area	0.026	0.05	0.019	0.56	0.046	3.4	<0.1	<0.1	0.45	1.4	1.1	1.2	1.7
WSP2024d_FTA-MW03	07 Aug 2023	FTA-MW03	Normal	DU17	Former Fire Training Area	0.02	0.058	0.061	0.56	0.059	6	0.078	0.086	0.28	0.74	0.99	0.96	1.2
WSP2024d_FTA-MW04	10 Feb 2022	FTA-MW04	Normal	DU17	Former Fire Training Area	0.01	0.07	0.1	0.52	0.04	0.25	<0.01	<0.01	0.3	1.1	1	1.1	0.71
WSP2024d_FTA-MW04	27 Sep 2022	FTA-MW04	Normal	DU17	Former Fire Training Area	0.021	0.076	0.11	0.67	0.061	1	<0.1	<0.1	0.63	2.8	1.5	2.3	1.4
WSP2024d_FTA-MW04	13 Feb 2023	FTA-MW04	Normal	DU17	Former Fire Training Area	0.016	0.05	0.037	0.36	0.043	0.28	0.003	0.003	0.23	0.75	0.5	0.63	0.48
WSP2024d_FTA-MW04	07 Aug 2023	FTA-MW04	Normal	DU17	Former Fire Training Area	0.008	0.063	0.081	0.65	0.044	0.86	0.004	0.003	0.39	1.5	0.93	1.4	0.98
WSP2024d_PMW13	19 Sep 2022	PMW13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.002	<0.001	0.0081	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW13	31 Jul 2023	PMW13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.002	<0.001	0.0085	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW15	19 Sep 2022	PMW15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.003	<0.001	0.0067	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW15	31 Jul 2023	PMW15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.007	<0.001	0.037	<0.001	<0.001	<0.05	0.02	0.01	0.01	<0.01
WSP2024d_PMW20	19 Sep 2022	PMW20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.012	0.002	0.066	<0.001	<0.001	<0.05	0.04	0.03	0.04	0.02
WSP2024d_PMW20	31 Jul 2023	PMW20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.014	0.001	0.11	<0.001	<0.001	<0.05	0.06	0.04	0.05	0.03
WSP2024d_PMW60	23 Sep 2022	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	<0.001	<0.001	0.016	<0.001	<0.001	<0.05	<0.01	0.01	0.02	0.01
WSP2025d_PMW60	08 Aug 2024	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.003	<0.001	0.017	<0.001	<0.001	0.008	0.006	0.009	0.018	0.005
WSP2025i_PMW60	07 Nov 2024	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.001	0.009	<0.001	0.022	<0.001	-	-	-	-	-	-
WSP2024d_PMW60	10 Feb 2022	PMW60	Normal	DU17	Former Fuel Refinery	<0.01	<0.01	<0.01	0.01	<0.01	0.05	<0.01	<0.01	0.06	0.05	0.06	0.12	0.06
WSP2024d_PP01	07 Aug 2023	PP01	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.007	<0.001	0.017	<0.001	<0.001	0.015	0.019	0.015	0.019	0.024
WSP2024d_PP01	27 Sep 2022	PP01	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.011	<0.001	0.032	<0.001	<0.001	<0.05	0.02	0.04	0.04	0.02
WSP2024d_PP02	27 Sep 2022	PP02	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.001	0.015	0.001	0.085	<0.001	<0.001	<0.05	0.04	0.03	0.03	0.02
WSP2024d_PP02	07 Aug 2023	PP02	Normal	DU17	Former Fuel Refinery	<0.001	0.001	0.001	0.023	<0.001	0.087	<0.001	<0.001	0.014	0.02	0.019	0.026	0.02
WSP2024d_PP03	20 Sep 2022	PP03	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.004	<0.001	0.086	<0.001	<0.001	<0.05	<0.01	<0.01	0.01	<0.01
WSP2024d_PP03	01 Aug 2023	PP03	Normal	DU17	Former Fuel Refinery	0.004	<0.001	<0.001	0.005	<0.001	0.25	<0.001	<0.001	<0.05	0.02	0.03	0.05	0.02
WSP2024d_PP04	20 Sep 2022	PP04	Normal	DU17	Former Fuel Refinery	<0.001	0.004	0.001	0.007	<0.001	0.034	<0.001	<0.001	<0.05	0.02	0.04	0.02	0.02
WSP2024d_PP04	01 Aug 2023	PP04	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.001	0.009	<0.001	0.055	<0.001	<0.001	<0.05	0.03	0.03	0.02	0.04
WSP2024d_PP05	01 Aug 2023	PP05	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.003	<0.001	0.072	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PP05	20 Sep 2022	PP05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.006	0.053	0.02	1.5	<0.001	<0.001	0.06	0.19	0.13	0.09	0.04
WSP2024d_PP06	04 Aug 2023	PP06	Normal	DU17	Former Fuel Refinery	0.004	0.026	0.08	2.5	0.13	1	<0.001	<0.001	0.19	0.91	0.89	0.66	0.68
WSP2024d_PP06	26 Sep 2022	PP06	Normal	DU17	Former Fuel Refinery	0.019	0.063	0.096	0.41	0.019	2.2	0.005	0.002	0.1	0.41	0.5	0.27	0.1

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 [#1]		2 [#1]							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PP07	20 Sep 2022	PP07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.05	<0.01	0.01	0.01	<0.01
WSP2024d_PP07	01 Aug 2023	PP07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0001	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PP08	21 Sep 2022	PP08	Normal	DU17	Former Fuel Refinery	0.001	0.003	0.002	0.01	0.001	0.091	<0.001	<0.001	<0.05	0.02	0.02	0.02	0.02
WSP2024d_PP09	20 Sep 2022	PP09	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.001	0.012	<0.001	0.015	<0.001	<0.001	<0.05	0.02	0.03	0.02	0.02
WSP2024d_PP09	01 Aug 2023	PP09	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.001	0.003	<0.001	0.022	<0.001	<0.001	<0.05	0.05	0.03	0.02	0.02
WSP2024d_PP10	04 Aug 2023	PP10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.002	<0.001	0.0073	<0.001	<0.001	<0.005	0.002	0.003	0.002	0.004
WSP2024d_PP10	26 Sep 2022	PP10	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.001	0.007	<0.001	0.027	<0.001	<0.001	<0.05	0.01	0.01	0.01	0.02
WSP2024d_PP11	19 Sep 2022	PP11	Normal	DU17	Former Fuel Refinery	0.022	0.11	0.088	1.6	0.015	0.31	<0.001	<0.001	0.05	0.08	0.24	0.15	0.11
WSP2024d_PP11	31 Jul 2023	PP11	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.002	0.054	0.014	0.76	<0.001	<0.001	<0.05	0.02	0.03	0.05	0.05
WSP2024d_PP12	19 Sep 2022	PP12	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.003	0.057	0.002	0.025	<0.001	<0.001	<0.05	0.08	0.08	0.11	0.04
WSP2024d_PP12	31 Jul 2023	PP12	Normal	DU17	Former Fuel Refinery	<0.001	0.006	0.004	0.067	0.001	0.068	<0.001	<0.001	<0.05	0.06	0.08	0.16	0.1
WSP2024d_PP13	19 Sep 2022	PP13	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.001	0.008	<0.001	0.0054	<0.001	<0.001	<0.05	0.01	0.02	0.02	0.02
WSP2024d_PP13	31 Jul 2023	PP13	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.001	0.018	0.001	0.019	<0.001	<0.001	<0.05	0.01	0.02	0.03	0.06
WSP2024d_PU01	31 Jul 2023	PU01	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.001	0.013	<0.001	0.048	<0.001	<0.001	<0.1	<0.1	<0.1	<0.1	<0.01
WSP2024d_PU01	19 Sep 2022	PU01	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1
WSP2024d_PU02	31 Jul 2023	PU02	Normal	DU17	Former Fuel Refinery	<0.001	0.009	<0.001	0.005	<0.001	0.025	<0.001	<0.001	<0.05	0.08	0.02	0.02	0.04
WSP2024d_PU02	19 Sep 2022	PU02	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU03	19 Sep 2022	PU03	Normal	DU17	Former Fuel Refinery	<0.001	0.028	<0.001	0.013	<0.001	0.038	0.003	<0.001	<0.05	<0.01	0.03	0.02	0.04
WSP2024d_PU03	31 Jul 2023	PU03	Normal	DU17	Former Fuel Refinery	<0.001	0.043	<0.001	0.019	<0.001	0.058	<0.001	<0.001	<0.05	0.07	0.06	0.05	0.1
WSP2024d_PU04	31 Jul 2023	PU04	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.017	<0.001	0.051	<0.001	<0.001	0.09	0.05	0.06	0.05	0.05
WSP2024d_PU04	19 Sep 2022	PU04	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	0.54	<0.1	0.18	<0.1	<0.1	<0.5	0.2	0.2	0.24	0.19
WSP2024d_PU05	19 Sep 2022	PU05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.005	0.054	0.002	0.026	<0.001	<0.001	0.05	0.08	0.1	0.12	0.05
WSP2024d_PU05	31 Jul 2023	PU05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.007	0.086	<0.001	0.058	<0.001	<0.001	0.06	0.11	0.14	0.21	0.08
WSP2024d_PU06	31 Jul 2023	PU06	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.002	0.034	<0.001	0.015	<0.001	<0.001	<0.05	0.08	0.07	0.08	0.06
WSP2024d_PU06	19 Sep 2022	PU06	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.001	0.023	0.001	0.021	<0.001	<0.001	<0.05	0.06	0.05	0.06	0.04
WSP2024d_PU07	19 Sep 2022	PU07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.004	0.025	0.002	0.02	<0.001	<0.001	<0.05	0.14	0.09	0.06	0.07
WSP2024d_PU07	31 Jul 2023	PU07	Normal	DU17	Former Fuel Refinery	<0.001	0.004	0.002	0.021	<0.001	0.048	<0.001	<0.001	0.06	0.13	0.08	0.04	0.05
WSP2024d_PU08	31 Jul 2023	PU08	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.006	<0.001	0.011	<0.001	<0.001	<0.05	0.03	0.16	0.07	0.03
WSP2024d_PU08	19 Sep 2022	PU08	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.007	<0.001	0.015	<0.001	<0.001	<0.05	0.12	0.12	0.05	0.05
WSP2024d_PU09	31 Jul 2023	PU09	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.013	<0.001	0.017	<0.001	<0.001	<0.05	0.04	0.04	0.03	0.07
WSP2024d_PU09	19 Sep 2022	PU09	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.01	<0.001	0.022	<0.001	<0.001	<0.05	0.01	0.02	<0.01	0.06
WSP2024d_PU10	27 Sep 2022	PU10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.002	<0.001	0.009	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.01
WSP2024d_PU10	07 Aug 2023	PU10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.004	<0.001	0.028	<0.001	<0.001	0.016	0.009	0.008	0.008	0.008
WSP2024d_PU100	01 Aug 2023	PU100	Normal	DU17	Former Fuel Refinery	<0.001	0.008	0.003	0.029	<0.001	0.022	<0.001	<0.001	<0.05	0.06	0.05	0.04	0.05
WSP2024d_PU101	01 Aug 2023	PU101	Normal	DU17	Former Fuel Refinery	<0.001	0.01	0.002	0.015	<0.001	0.025	<0.001	<0.001	<0.05	0.09	0.07	0.04	0.05
WSP2024d_PU102	01 Aug 2023	PU102	Normal	DU17	Former Fuel Refinery	<0.001	0.009	0.003	0.028	<0.001	0.013	<0.001	<0.001	0.09	0.09	0.1	0.14	0.09
WSP2024d_PU103	01 Aug 2023	PU103	Normal	DU17	Former Fuel Refinery	<0.001	0.012	<0.001	0.012	<0.001	0.017	<0.001	<0.001	<0.05	0.07	0.07	0.04	0.03
WSP2024d_PU104	01 Aug 2023	PU104	Normal	DU17	Former Fuel Refinery	<0.001	0.021	<0.001	0.038	<0.001	0.043	<0.001	<0.001	<0.05	0.09	0.09	0.06	0.11
WSP2024d_PU105	01 Aug 2023	PU105	Normal	DU17	Former Fuel Refinery	<0.001	0.004	0.001	0.013	<0.001	0.011	<0.001	<0.001	<0.05	0.02	0.02	0.02	0.01
WSP2024d_PU108	01 Aug 2023	PU108	Normal	DU17	Former Fuel Refinery	<0.001	0.008	0.002	0.022	<0.001	0.05	<0.001	<0.001	0.06	0.07	0.05	0.04	0.08
WSP2024d_PU109	01 Aug 2023	PU109	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.003	0.03	<0.001	0.019	<0.001	<0.001	<0.05	0.06	0.05	0.05	0.06
WSP2024d_PU11	27 Sep 2022	PU11	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.001	0.019	0.001	0.044	<0.001	<0.001	<0.05	0.07	0.05	0.07	0.03
WSP2024d_PU11	07 Aug 2023	PU11	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.002	0.028	0.001	0.071	<0.001	<0.001	0.064	0.16	0.12	0.15	0.053
WSP2024d_PU110	01 Aug 2023	PU110	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.002	0.031	<0.001	0.036	<0.001	<0.001	<0.05	0.09	0.1	0.21	0.11
WSP2024d_PU111	01 Aug 2023	PU111	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.036	0.001	0.034	<0.001	<0.001	<0.05	<0.01	<0.1	0.19	0.1
WSP2024d_PU12	27 Sep 2022	PU12	Normal	DU17	Former Fuel Refinery	<0.001	0.001	0.002	0.029	0.002	0.037	<0.001	<0.001	<0.05	0.16	0.13	0.12	0.05
WSP2024d_PU12	07 Aug 2023	PU12	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.001	0.015	<0.001	0.042	<0.001	<0.001	0.058	0.17	0.13	0.12	0.042
WSP2024d_PU13	27 Sep 2022	PU13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.001	<0.001	0.0086	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.01
WSP2024d_PU13	07 Aug 2023	PU13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.002	<0.001	0.011	<0.001	<0.001	<0.005	0.002	0.003	0.003	0.005
WSP2024d_PU14	07 Aug 2023	PU14	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.001	<0.001	0.0031	<0.001	<0.001	0.014	0.013	0.01	0.012	0.006
WSP2024d_PU14	27 Sep 2022	PU14	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	<0.001	<0.001	0.0034	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PU15	07 Aug 2023	PU15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.006	<0.001	0.017	<0.001	<0.001	0.012	0.033	0.027	0.031	0.01
WSP2024d_PU15	27 Sep 2022	PU15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.005	<0.001	0.02	<0.001	<0.001	<0.05	0.11	0.08	0.09	0.03
WSP2024d_PU16	04 Aug 2023	PU16	Normal	DU17	Former Fuel Refinery	<0.001	0.005	0.008	0.092	0.014	0.61	0.002	<0.001	0.058	0.16	0.13	0.11	0.045
WSP2024d_PU16	21 Sep 2022	PU16	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.59	0.05	0.019	0.97	<0.001	<0.001	<0.05	0.14	0.14	0.09	0.05
WSP2024d_PU17	21 Sep 2022	PU17	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.007	<0.001	0.014	<0.001	<0.001	0.1	0.15	0.13	0.11	0.07

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 [#1]		2 [#1]							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PU18	21 Sep 2022	PU18	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.007	<0.001	0.0065	<0.001	<0.001	<0.05	0.01	0.02	0.02	0.03
WSP2024d_PU19	21 Sep 2022	PU19	Normal	DU17	Former Fuel Refinery	<0.001	0.004	0.002	<0.001	<0.001	0.0079	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.01
WSP2024d_PU20	21 Sep 2022	PU20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.005	<0.001	0.0072	<0.001	<0.001	<0.05	0.02	0.02	0.02	0.01
WSP2024d_PU21	04 Aug 2023	PU21	Normal	DU17	Former Fuel Refinery	<0.001	0.01	0.003	0.046	<0.001	0.15	<0.001	<0.001	0.046	0.072	0.079	0.096	0.14
WSP2024d_PU21	21 Sep 2022	PU21	Normal	DU17	Former Fuel Refinery	<0.001	0.001	<0.001	0.01	0.002	0.19	<0.001	<0.001	<0.05	0.01	0.01	0.01	0.02
WSP2024d_PU22	21 Sep 2022	PU22	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	<0.001	<0.001	0.0018	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PU22	04 Aug 2023	PU22	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.001	<0.001	0.013	<0.001	<0.001	0.008	0.007	0.004	0.004	0.003
WSP2024d_PU23	04 Aug 2023	PU23	Normal	DU17	Former Fuel Refinery	<0.001	0.017	<0.001	0.066	0.003	0.17	<0.001	<0.001	0.12	0.57	0.43	0.13	0.046
WSP2024d_PU23	26 Sep 2022	PU23	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	0.32	<0.1	<0.1	0.24	0.97	0.81	0.23	0.28
WSP2024d_PU24	26 Sep 2022	PU24	Normal	DU17	Former Fuel Refinery	<0.001	0.053	0.018	0.086	0.002	0.17	<0.001	<0.001	<0.05	0.14	0.2	0.09	0.05
WSP2024d_PU24	04 Aug 2023	PU24	Normal	DU17	Former Fuel Refinery	0.005	0.085	0.1	0.67	0.004	0.22	<0.001	<0.001	0.15	0.42	0.65	0.41	0.13
WSP2024d_PU25	04 Aug 2023	PU25	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.033	<0.001	0.022	<0.001	<0.001	0.05	0.098	0.069	0.053	0.037
WSP2024d_PU25	26 Sep 2022	PU25	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	0.17	<0.1	0.38	<0.1	<0.1	<0.1	0.28	0.21	0.22	0.16
WSP2024d_PU26	04 Aug 2023	PU26	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.024	<0.001	0.061	<0.001	<0.001	0.05	0.11	0.17	0.092	<0.001
WSP2024d_PU26	26 Sep 2022	PU26	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	0.18	<0.1	0.33	<0.1	<0.1	<0.1	0.15	0.14	0.17	0.16
WSP2024d_PU27	04 Aug 2023	PU27	Normal	DU17	Former Fuel Refinery	0.01	0.012	<0.001	0.005	<0.001	0.0026	<0.001	<0.001	0.024	0.13	0.069	0.042	0.029
WSP2024d_PU27	26 Sep 2022	PU27	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.007	<0.001	0.0072	<0.001	<0.001	<0.05	0.18	0.15	0.07	0.03
WSP2024d_PU28	26 Sep 2022	PU28	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	0.15	0.16	0.15	0.17
WSP2024d_PU28	04 Aug 2023	PU28	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU29	04 Aug 2023	PU29	Normal	DU17	Former Fuel Refinery	0.004	0.013	0.051	3	0.069	0.098	<0.001	<0.001	0.27	1.2	0.91	1.5	1.3
WSP2024d_PU29	26 Sep 2022	PU29	Normal	DU17	Former Fuel Refinery	0.005	0.046	0.096	0.73	0.012	0.12	<0.001	<0.001	0.2	0.8	0.84	0.55	0.18
WSP2024d_PU30	27 Sep 2022	PU30	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.007	<0.001	0.035	<0.001	<0.001	<0.05	<0.01	0.03	0.02	<0.01
WSP2024d_PU30	07 Aug 2023	PU30	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.022	<0.001	0.068	<0.001	<0.001	0.037	0.067	0.065	0.099	0.044
WSP2024d_PU59	19 Sep 2022	PU59	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.025	<0.001	0.026	<0.001	<0.001	0.06	0.08	0.09	0.08	0.08
WSP2024d_PU59	31 Jul 2023	PU59	Normal	DU17	Former Fuel Refinery	<0.001	0.01	0.004	0.065	<0.001	0.033	<0.001	<0.001	<0.05	0.12	0.1	0.09	0.11
WSP2024d_PU60	19 Sep 2022	PU60	Normal	DU17	Former Fuel Refinery	<0.001	0.011	0.003	0.016	<0.001	0.017	<0.001	<0.001	<0.05	0.07	0.06	0.04	0.03
WSP2024d_PU60	31 Jul 2023	PU60	Normal	DU17	Former Fuel Refinery	<0.001	0.014	0.003	0.022	<0.001	0.061	<0.001	<0.001	<0.05	0.09	0.08	0.07	0.08
WSP2024d_PU61	19 Sep 2022	PU61	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.004	<0.001	0.025	<0.001	<0.001	<0.05	0.01	<0.01	<0.01	<0.01
WSP2024d_PU61	31 Jul 2023	PU61	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.001	0.021	<0.001	0.057	<0.001	<0.001	<0.05	0.03	0.02	0.02	0.06
WSP2024d_PU62	26 Sep 2022	PU62	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.006	<0.001	0.025	<0.001	<0.001	<0.05	<0.01	0.02	<0.01	0.03
WSP2024d_PU62	04 Aug 2023	PU62	Normal	DU17	Former Fuel Refinery	<0.001	0.012	<0.001	0.014	<0.001	0.025	<0.001	<0.001	0.036	<0.001	0.07	0.048	0.059
WSP2024d_PU63	04 Aug 2023	PU63	Normal	DU17	Former Fuel Refinery	<0.001	0.017	<0.001	0.018	<0.001	0.021	<0.001	<0.001	0.11	0.31	0.23	0.12	0.044
WSP2024d_PU63	26 Sep 2022	PU63	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.32
WSP2024d_PU64	04 Aug 2023	PU64	Normal	DU17	Former Fuel Refinery	0.001	0.008	0.012	0.13	0.013	0.065	<0.001	<0.001	0.024	0.084	0.077	0.07	0.045
WSP2024d_PU64	26 Sep 2022	PU64	Normal	DU17	Former Fuel Refinery	0.023	0.05	0.046	0.17	0.004	0.2	0.002	<0.001	<0.05	0.13	0.25	0.11	0.05
WSP2024d_PU78	26 Sep 2022	PU78	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.004	<0.001	0.013	<0.001	<0.001	0.05	0.19	0.12	0.07	0.02
WSP2024d_PU78	04 Aug 2023	PU78	Normal	DU17	Former Fuel Refinery	<0.001	0.019	<0.001	0.013	0.002	0.032	<0.001	<0.001	0.083	0.21	0.2	0.1	0.044
WSP2024d_PU79	04 Aug 2023	PU79	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.002	0.013	<0.001	0.0063	<0.001	<0.001	0.16	0.7	0.35	0.28	0.11
WSP2024d_PU79	26 Sep 2022	PU79	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.021	<0.001	0.025	<0.001	<0.001	0.17	1	0.5	0.39	0.16
WSP2024d_PU80	04 Aug 2023	PU80	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.001	0.014	<0.001	0.008	<0.001	<0.001	0.2	0.83	0.42	0.26	0.13
WSP2024d_PU80	26 Sep 2022	PU80	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.016	<0.001	0.021	<0.001	<0.001	0.18	0.99	0.53	0.34	0.11
WSP2024d_PU81	04 Aug 2023	PU81	Normal	DU17	Former Fuel Refinery	<0.001	0.005	<0.001	0.009	<0.001	0.019	<0.001	<0.001	0.02	0.044	0.029	0.019	0.023
WSP2024d_PU81	26 Sep 2022	PU81	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.001	0.006	<0.001	0.027	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.02
WSP2024d_PU82	26 Sep 2022	PU82	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.005	<0.001	0.051	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	0.01
WSP2024d_PU82	04 Aug 2023	PU82	Normal	DU17	Former Fuel Refinery	0.001	0.003	0.009	0.1	0.012	0.24	<0.001	<0.001	0.21	0.44	0.25	0.19	0.098
WSP2024d_PU83	26 Sep 2022	PU83	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.006	0.032	<0.001	0.042	<0.001	<0.001	<0.05	0.08	0.1	0.04	0.05
WSP2024d_PU83	04 Aug 2023	PU83	Normal	DU17	Former Fuel Refinery	<0.001	0.01	0.006	0.059	<0.001	0.058	<0.001	<0.001	0.074	0.18	0.15	0.1	0.086
WSP2024d_PU84	26 Sep 2022	PU84	Normal	DU17	Former Fuel Refinery	0.007	0.062	0.16	1.1	0.006	0.21	<0.001	<0.001	0.14	0.5	0.89	0.54	0.17
WSP2024d_PU85	26 Sep 2022	PU85	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.004	0.018	<0.001	0.065	<0.001	<0.001	<0.05	0.08	0.05	0.02	<0.01
WSP2024d_PU85	04 Aug 2023	PU85	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.003	0.018	<0.001	0.066	<0.001	<0.001	0.016	0.066	0.049	0.038	0.011
WSP2024d_PU86	04 Aug 2023	PU86	Normal	DU17	Former Fuel Refinery	<0.001	0.006	0.023	0.64	0.014	0.2	<0.001	<0.001	0.2	0.86	0.56	0.61	0.3
WSP2024d_PU86	26 Sep 2022	PU86	Normal	DU17	Former Fuel Refinery	<0.001	0.005	0.008	0.086	0.005	0.25	<0.001	<0.001	0.23	1.3	0.76	0.42	0.16
WSP2024d_PU87	04 Aug 2023	PU87	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.001	0.002	<0.001	0.0093	<0.001	<0.001	<0.005	0.004	0.003	0.002	0.003
WSP2024d_PU89	27 Sep 2022	PU89	Normal	DU17	Former Fuel Refinery	0.001	0.013	0.018	0.25	<0.001	0.03	<0.001	<0.001	0.12	0.31	0.47	1.4	0.45
WSP2024d_PU89	07 Aug 2023	PU89	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.004	0.092	0.003	0.051	<0.001	<0.001	0.026	0.065	0.11	0.26	0.4
WSP2024d_PU90	07 Aug 2023	PU90	Normal	DU17	Former Fuel Refinery	<0.001	0.001	0.001	0.014	<0.001	0.028	<0.001	<0.001	0.026	0.047	0.042	0.063	0.025

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorononanesulfonic Acid (PFNS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.001	0.0005 - 0.02	0.0001	0.0005 - 0.02	0.0005 - 0.02	0.002 - 0.1	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.001
PFAS NEMP 2025 Recreational water quality guideline									2 #1		2 #1							10
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PU90	27 Sep 2022	PU90	Normal	DU17	Former Fuel Refinery	<0.001	0.008	0.003	0.021	<0.001	0.041	<0.001	<0.001	0.06	0.17	0.16	0.1	0.04
WSP2024d_PU91	07 Aug 2023	PU91	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.008	<0.001	0.032	<0.001	<0.001	<0.005	0.051	0.028	0.021	0.007
WSP2024d_PU91	27 Sep 2022	PU91	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	0.004	<0.001	0.04	<0.001	<0.001	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PU99	01 Aug 2023	PU99	Normal	DU17	Former Fuel Refinery	<0.001	0.012	0.002	0.02	<0.001	0.039	<0.001	<0.001	<0.05	0.04	0.06	0.04	0.06
WSP2024d_BW01	21 Sep 2022	BW01	Normal	DU17	Former Jet Fuel Area	<0.001	<0.001	<0.001	0.007	<0.001	0.066	<0.001	<0.001	<0.05	0.03	0.04	0.08	0.05
WSP2024d_BW01	08 Aug 2023	BW01	Normal	DU17	Former Jet Fuel Area	0.004	0.001	0.002	0.019	0.002	0.081	<0.001	<0.001	0.017	0.021	0.032	0.12	0.053
WSP2024d_BW01	14 Feb 2022	BW01	Normal	DU17	Former Jet Fuel Area	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1
WSP2024d_PMW08	10 Feb 2022	PMW08	Normal	DU17	Landfarm Area	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01
WSP2024d_PMW08	23 Sep 2022	PMW08	Normal	DU17	Landfarm Area	<0.001	0.002	0.001	0.015	0.001	0.012	<0.001	<0.001	<0.05	<0.01	0.02	0.02	0.02
WSP2025d_PMW08	08 Aug 2024	PMW08	Normal	DU17	Landfarm Area	<0.001	<0.001	0.001	0.023	0.001	0.020	<0.001	<0.001	<0.005	0.003	0.004	0.007	0.005
WSP2025i_PMW08	07 Nov 2024	PMW08	Normal	DU17	Landfarm Area	<0.001	<0.001	<0.001	0.002	<0.001	0.0040	<0.001	-	-	-	-	-	-
WSP2024d_PMW33	10 Feb 2022	PMW33	Normal	DU17	Landfarm Area	<0.01	<0.01	<0.01	0.02	<0.01	0.09	<0.01	<0.01	<0.05	0.02	0.02	0.03	0.03
WSP2024d_PMW33	23 Sep 2022	PMW33	Normal	DU17	Landfarm Area	<0.001	<0.001	<0.001	0.051	0.026	3.3	<0.1	<0.1	<0.05	0.07	0.11	0.09	0.07
WSP2025d_PMW33	08 Aug 2024	PMW33	Normal	DU17	Landfarm Area	<0.001	0.023	0.021	0.13	0.009	0.77	0.013	<0.001	0.056	0.22	0.20	0.15	0.10
WSP2025i_PMW33	07 Nov 2024	PMW33	Normal	DU17	Landfarm Area	<0.001	0.009	0.008	0.074	0.008	0.77	0.015	-	-	-	-	-	-
WSP2024d_PMW64	27 Sep 2022	PMW64	Normal	DU17	RPIP Mountain	0.001	0.005	0.005	0.032	0.002	0.17	<0.001	<0.001	<0.05	0.07	0.05	0.05	0.03
WSP2024d_PMW64	07 Aug 2023	PMW64	Normal	DU17	RPIP Mountain	<0.001	0.01	0.013	0.094	0.005	0.65	0.004	<0.001	0.066	0.28	0.18	0.21	0.17

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS
#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 Recreational water quality guideline

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2025c_FTA_MW06	02 Nov 2023	DP01_FTA_MW06	Normal	DU14	DU14	0.02	0.08	0.08	0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW01	20 Apr 2016	FTA_MW01	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW01	12 Aug 2019	FTA_MW01	Normal	DU14	DU14	-	0.088	1.2	0.48	0.96	0.029	0.056	<0.001	0.21	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW01	12 Feb 2024	FTA_MW01	Normal	DU14	DU14	0.002	0.01	0.31	0.28	0.88	0.029	0.06	<0.001	0.28	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW01	12 Aug 2024	FTA_MW01	Normal	DU14	DU14	0.019	0.025	0.35	0.52	0.56	0.077	0.33	<0.1	<0.2	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW01	07 Nov 2024	FTA_MW01	Normal	DU14	DU14	0.006	0.019	0.34	0.21	1.1	<0.1	<0.1	<0.1	<0.5	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	20 Apr 2016	FTA_MW02	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW02	04 May 2018	FTA_MW02	Normal	DU14	DU14	-	<0.02	0.98	0.15	0.11	<0.02	<0.02	<0.05	0.03	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW02	12 Aug 2019	FTA_MW02	Normal	DU14	DU14	-	0.009	0.69	0.12	0.096	<0.001	<0.001	<0.001	0.016	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	13 Aug 2020	FTA_MW02	Normal	DU14	DU14	<0.001	0.004	0.81	0.26	0.13	0.002	<0.001	<0.001	0.056	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	05 Feb 2021	FTA_MW02	Normal	DU14	DU14	0.001	<0.001	0.76	0.18	0.16	<0.001	0.002	<0.001	0.11	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	06 Aug 2021	FTA_MW02	Normal	DU14	DU14	0.003	0.009	0.18	0.01	0.05	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW02	10 Feb 2022	FTA_MW02	Normal	DU14	DU14	<0.01	<0.01	0.87	0.19	0.09	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW02	27 Sep 2022	FTA_MW02	Normal	DU14	DU14	<0.001	0.003	1.1	0.21	0.2	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW02	13 Feb 2023	FTA_MW02	Normal	DU14	DU14	0.002	0.008	1.1	0.14	0.07	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW02	07 Aug 2023	FTA_MW02	Normal	DU14	DU14	<0.001	0.008	1.6	0.16	0.08	<0.001	0.002	<0.001	0.014	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	12 Feb 2024	FTA_MW02	Normal	DU14	DU14	<0.001	0.006	0.4	0.18	0.24	<0.001	<0.001	<0.001	0.049	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	12 Aug 2024	FTA_MW02	Normal	DU14	DU14	<0.001	0.004	1	0.15	0.11	<0.001	<0.001	<0.001	0.013	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	07 Nov 2024	FTA_MW02	Normal	DU14	DU14	0.002	0.007	1.8	0.58	0.69	0.005	0.004	<0.001	0.17	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW03	20 Apr 2016	FTA_MW03	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW03	04 May 2018	FTA_MW03	Normal	DU14	DU14	-	0.07	4.15	0.89	24.6	<0.02	<0.02	<0.05	5.35	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW03	12 Aug 2019	FTA_MW03	Normal	DU14	DU14	-	0.063	2.2	0.92	1.6	0.003	<0.001	<0.001	3.8	<0.005	<0.005	0.012	<0.005
WSP2025c_FTA_MW03	13 Aug 2020	FTA_MW03	Normal	DU14	DU14	0.011	0.03	2.8	1.4	3.7	0.019	0.013	0.004	1.3	<0.005	<0.005	0.01	<0.005
WSP2025c_FTA_MW03	05 Feb 2021	FTA_MW03	Normal	DU14	DU14	<0.001	0.08	2.4	0.53	12	<0.001	<0.001	<0.001	2.6	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW03	06 Aug 2021	FTA_MW03	Normal	DU14	DU14	0.03	0.047	2.3	0.59	15	<0.01	<0.01	<0.01	1.9	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW03	10 Feb 2022	FTA_MW03	Normal	DU14	DU14	0.02	0.06	1.6	0.57	7.4	<0.01	<0.01	<0.01	1.5	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW03	27 Sep 2022	FTA_MW03	Normal	DU14	DU14	0.026	0.046	1.7	1	1.3	0.01	<0.01	<0.01	2.6	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW03	13 Feb 2023	FTA_MW03	Normal	DU14	DU14	0.026	0.05	1.2	0.79	0.98	0.03	<0.01	<0.01	3.4	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW03	07 Aug 2023	FTA_MW03	Normal	DU14	DU14	0.02	0.058	1.3	0.46	9.6	0.018	0.039	0.025	3.4	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW03	12 Feb 2024	FTA_MW03	Normal	DU14	DU14	0.014	0.052	1.9	0.92	2	0.061	<0.001	0.033	2.2	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW03	12 Aug 2024	FTA_MW03	Normal	DU14	DU14	0.014	0.04	0.93	0.35	4.6	0.012	0.004	<0.001	1.1	<0.005	<0.005	0.007	<0.005
WSP2025c_FTA_MW03	07 Nov 2024	FTA_MW03	Normal	DU14	DU14	0.024	0.067	1.6	0.67	14	0.01	0.002	0.001	4.2	<0.005	<0.005	0.012	<0.005
WSP2025c_FTA_MW04	20 Apr 2016	FTA_MW04	Normal	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025c_FTA_MW04	04 May 2018	FTA_MW04	Normal	DU14	DU14	-	0.14	0.51	0.52	0.38	<0.02	<0.02	<0.05	0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW04	12 Aug 2019	FTA_MW04	Normal	DU14	DU14	-	0.12	0.27	0.41	0.14	0.005	0.008	<0.001	0.033	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW04	13 Aug 2020	FTA_MW04	Normal	DU14	DU14	0.004	0.017	0.14	0.32	0.069	0.005	0.01	<0.001	0.014	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW04	05 Feb 2021	FTA_MW04	Normal	DU14	DU14	0.029	0.053	0.25	0.4	0.055	0.004	0.007	<0.001	0.023	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW04	10 Feb 2022	FTA_MW04	Normal	DU14	DU14	0.01	0.07	0.21	0.43	0.04	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW04	27 Sep 2022	FTA_MW04	Normal	DU14	DU14	0.021	0.076	0.33	0.26	0.2	0.02	0.08	<0.01	0.1	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW04	13 Feb 2023	FTA_MW04	Normal	DU14	DU14	0.016	0.05	0.37	0.16	0.12	0.01	0.02	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW04	07 Aug 2023	FTA_MW04	Normal	DU14	DU14	0.008	0.063	0.33	0.083	0.18	0.014	0.076	0.003	0.051	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW04	12 Aug 2024	FTA_MW04	Normal	DU14	DU14	0.011	0.056	2.7	0.75	1.1	0.25	2.9	<0.1	<0.2	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_HA06	09 Nov 2022	FTA-HA06-GW	Normal	DU14	DU14	<0.01	<0.01	0.71	1.3	1.6	0.18	0.08	0.06	3.8	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_HA07	09 Nov 2022	FTA-HA07-GW	Normal	DU14	DU14	0.09	0.08	0.57	3.5	9.6	0.19	0.22	0.05	6.2	<0.05	<0.05	0.12	<0.05
WSP2025c_FTA_MW01	13 Aug 2020	FTA-MW01	Normal	DU14	DU14	0.01	0.035	1.2	0.7	0.75	0.067	0.39	0.005	0.21	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW01	05 Feb 2021	FTA-MW01	Normal	DU14	DU14	0.026	0.048	0.91	0.5	1.3	0.13	<0.001	0.58	0.28	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW01	06 Aug 2021	FTA-MW01	Normal	DU14	DU14	0.008	0.018	0.5	0.36	2.5	<0.01	<0.01	<0.01	0.16	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW01	10 Feb 2022	FTA-MW01	Normal	DU14	DU14	<0.01	0.02	0.5	0.4	0.79	0.04	0.12	<0.01	0.19	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW01	27 Sep 2022	FTA-MW01	Normal	DU14	DU14	0.007	0.029	1.5	0.53	0.76	0.03	0.09	<0.01	0.22	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW01	13 Feb 2023	FTA-MW01	Normal	DU14	DU14	0.008	0.03	0.41	0.32	0.93	0.07	0.2	<0.01	0.36	<0.05	<0.05	<0.05	<0.05
WSP2025c_FTA_MW01	07 Aug 2023	FTA-MW01	Normal	DU14	DU14	0.002	0.01	0.29	0.27	4.3	0.08	2.6	0.023	0.52	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW05	12 Feb 2024	FTA-MW05	Normal	DU14	DU14	0.005	0.028	0.69	1.9	1.1	<0.001	0.002	<0.001	0.49	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW05	12 Aug 2024	FTA-MW05	Normal	DU14	DU14	0.005	0.032	0.81	0.66	3	0.003	<0.001	<0.001	1.1	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW05	07 Nov 2024	FTA-MW05	Normal	DU14	DU14	0.042	0.16	0.89	1.1	6.4	0.012	0.006	0.001	2.6	<0.005	<0.005	0.032	<0.005
WSP2025c_FTA_MW06	12 Feb 2024	FTA-MW06	Normal	DU14	DU14	0.007	0.039	0.66	0.009	0.035	<0.001	<0.001	<0.001	0.006	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW06	12 Aug 2024	FTA-MW06	Normal	DU14	DU14	<0.001	0.007	0.34	0.007	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2025c_FTA_MW06	07 Nov 2024	FTA-MW06	Normal	DU14	DU14	0.008	0.03	0.64	0.014	0.055	0.001	<0.001	<0.001	0.01	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW07	12 Feb 2024	FTA-MW07	Normal	DU14	DU14	<0.001	<0.001	0.026	0.025	<0.001	0.002	<0.001	<0.001	0.78	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW07	12 Aug 2024	FTA-MW07	Normal	DU14	DU14	<0.001	<0.001	0.036	0.035	0.038	0.003	0.002	<0.001	0.13	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW07	07 Nov 2024	FTA-MW07	Normal	DU14	DU14	<0.001	0.002	0.042	0.043	0.064	0.007	<0.01	<0.001	0.34	<0.005	<0.005	0.015	<0.005
WSP2025c_FTA-MW09	07 Nov 2024	FTA-MW09	Normal	DU14	DU14	0.003	0.009	0.46	0.33	0.45	0.012	<0.01	<0.001	0.42	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW10	07 Nov 2024	FTA-MW10	Normal	DU14	DU14	0.003	0.021	0.13	0.004	0.026	<0.001	0.005	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW12	07 Nov 2024	FTA-MW12	Normal	DU14	DU14	0.08	0.38	0.6	1	0.88	<0.01	<0.01	<0.001	7.1	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW13	07 Nov 2024	FTA-MW13	Normal	DU14	DU14	0.003	0.021	0.4	0.1	0.55	<0.001	0.002	<0.001	0.012	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW14	07 Nov 2024	FTA-MW14	Normal	DU14	DU14	0.007	0.031	0.9	0.38	0.13	0.001	<0.001	<0.001	0.018	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW15	07 Nov 2024	FTA-MW15	Normal	DU14	DU14	0.005	0.014	0.17	0.2	0.06	0.002	<0.01	<0.001	0.009	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA-MW16	07 Nov 2024	FTA-MW16	Normal	DU14	DU14	0.002	0.009	0.57	0.11	0.21	0.001	<0.01	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2025c_PP17	04 May 2018	PP17	Normal	DU14	DU14	-	0.08	0.84	0.18	1.63	<0.02	<0.02	<0.05	<0.02	<0.05	<0.05	<0.05	<0.05
WSP2025c_PP17	12 Aug 2019	PP17	Normal	DU14	DU14	-	0.12	0.59	0.12	0.46	<0.001	<0.001	<0.001	0.021	<0.005	<0.005	<0.005	<0.005
WSP2025c_PP17	04 Aug 2020	PP17	Normal	DU14	DU14	0.035	0.24	0.42	0.05	0.04	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025c_PP17	05 Aug 2024	PP17	Normal	DU14	DU14	<0.1	<0.1	0.38	<0.1	1.1	<0.1	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2
WSP2025c_PP17	03 Feb 2020	PU17	Normal	DU14	DU14	<0.001	0.003	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2025c_FTA_MW02	20 Apr 2016	QC01	Field_D	DU14	DU14	-	-	-	-	-	-	-	-	-	-	-	-	-
WSP2025d_PMW61	08 Aug 2024	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.055	0.007	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW61	23 Sep 2022	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025i_PMW61	07 Nov 2024	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	0.001	-	-	-	-	-	-	-	-	-	-	-
WSP2024d_PMW61	10 Feb 2022	PMW61	Normal	DU17	Eastern Tank Farm	<0.01	<0.01	0.18	0.03	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU46	03 Aug 2023	PU46	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU46	23 Sep 2022	PU46	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU47	03 Aug 2023	PU47	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.03	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU47	23 Sep 2022	PU47	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU48	23 Sep 2022	PU48	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU48	03 Aug 2023	PU48	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU49	03 Aug 2023	PU49	Normal	DU17	Eastern Tank Farm	<0.001	0.001	0.11	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU49	23 Sep 2022	PU49	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU51	03 Aug 2023	PU51	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.008	0.004	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU51	23 Sep 2022	PU51	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU66	03 Aug 2023	PU66	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU66	23 Sep 2022	PU66	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU67	03 Aug 2023	PU67	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU67	23 Sep 2022	PU67	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU68	23 Sep 2022	PU68	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU68	03 Aug 2023	PU68	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.12	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU69	03 Aug 2023	PU69	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.022	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU69	23 Sep 2022	PU69	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU70	23 Sep 2022	PU70	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU70	03 Aug 2023	PU70	Normal	DU17	Eastern Tank Farm	<0.001	0.007	0.021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU71	23 Sep 2022	PU71	Normal	DU17	Eastern Tank Farm	<0.001	0.004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU71	03 Aug 2023	PU71	Normal	DU17	Eastern Tank Farm	0.005	0.03	0.016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU72	03 Aug 2023	PU72	Normal	DU17	Eastern Tank Farm	0.001	0.013	0.034	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU72	23 Sep 2022	PU72	Normal	DU17	Eastern Tank Farm	0.002	0.011	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU73	23 Sep 2022	PU73	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU73	03 Aug 2023	PU73	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU75	01 Aug 2023	PU75	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU75	20 Sep 2022	PU75	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU76	20 Sep 2022	PU76	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU76	01 Aug 2023	PU76	Normal	DU17	Eastern Tank Farm	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_PU77	03 Aug 2023	PU77	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.032	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU77	23 Sep 2022	PU77	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU94	03 Aug 2023	PU94	Normal	DU17	Eastern Tank Farm	<0.001	0.006	0.013	0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU94	23 Sep 2022	PU94	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU95	23 Sep 2022	PU95	Normal	DU17	Eastern Tank Farm	0.01	0.033	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PU95	03 Aug 2023	PU95	Normal	DU17	Eastern Tank Farm	<0.001	0.026	0.011	0.004	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU96	03 Aug 2023	PU96	Normal	DU17	Eastern Tank Farm	0.003	0.028	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU96	23 Sep 2022	PU96	Normal	DU17	Eastern Tank Farm	0.005	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU97	03 Aug 2023	PU97	Normal	DU17	Eastern Tank Farm	0.002	0.013	0.014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU97	23 Sep 2022	PU97	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU98	23 Sep 2022	PU98	Normal	DU17	Eastern Tank Farm	0.002	0.013	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU98	03 Aug 2023	PU98	Normal	DU17	Eastern Tank Farm	0.008	0.094	0.008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_W08	20 Sep 2022	W08	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W09	20 Sep 2022	W09	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W10	20 Sep 2022	W10	Normal	DU17	Eastern Tank Farm	<0.001	0.008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W11	20 Sep 2022	W11	Normal	DU17	Eastern Tank Farm	0.001	0.011	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W12	20 Sep 2022	W12	Normal	DU17	Eastern Tank Farm	<0.001	0.004	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W13	20 Sep 2022	W13	Normal	DU17	Eastern Tank Farm	0.004	0.021	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W16	20 Sep 2022	W16	Normal	DU17	Eastern Tank Farm	0.003	0.024	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W17	20 Sep 2022	W17	Normal	DU17	Eastern Tank Farm	<0.001	0.005	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W18	20 Sep 2022	W18	Normal	DU17	Eastern Tank Farm	<0.001	0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W19	20 Sep 2022	W19	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W20	20 Sep 2022	W20	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W21	20 Sep 2022	W21	Normal	DU17	Eastern Tank Farm	<0.001	0.002	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_W22	20 Sep 2022	W22	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_BP01	08 Feb 2022	BP01	Normal	DU17	Former CLOR	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_BP01	27 Sep 2022	BP01	Normal	DU17	Former CLOR	<0.001	0.011	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_BP01	13 Feb 2023	BP01	Normal	DU17	Former CLOR	<0.001	0.003	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_BP01	07 Aug 2023	BP01	Normal	DU17	Former CLOR	0.003	0.017	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CLOR1	08 Feb 2022	CLOR1	Normal	DU17	Former CLOR	0.03	0.08	0.18	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CLOR1	27 Sep 2022	CLOR1	Normal	DU17	Former CLOR	<0.001	0.011	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CLOR1	13 Feb 2023	CLOR1	Normal	DU17	Former CLOR	0.009	0.025	0.18	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CLOR1	07 Aug 2023	CLOR1	Normal	DU17	Former CLOR	0.004	0.041	0.23	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW01	26 Sep 2022	CMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW01	11 Aug 2023	CMW01	Normal	DU17	Former CLOR	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW02	14 Feb 2022	CMW02	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_CMW02	26 Sep 2022	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW02	16 Feb 2023	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW02	11 Aug 2023	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	0.003	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW03	26 Sep 2022	CMW03	Normal	DU17	Former CLOR	0.012	0.047	0.44	0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW03	10 Aug 2023	CMW03	Normal	DU17	Former CLOR	0.006	0.043	0.45	0.015	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW04	26 Sep 2022	CMW04	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW04	11 Aug 2023	CMW04	Normal	DU17	Former CLOR	0.001	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW05	26 Sep 2022	CMW05	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW06	26 Sep 2022	CMW06	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW06	11 Aug 2023	CMW06	Normal	DU17	Former CLOR	0.002	0.002	0.002	<0.001	<0.001	<0.001	0.003	0.003	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW07	26 Sep 2022	CMW07	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW07	10 Aug 2023	CMW07	Normal	DU17	Former CLOR	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW08	26 Sep 2022	CMW08	Normal	DU17	Former CLOR	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW08	10 Aug 2023	CMW08	Normal	DU17	Former CLOR	<0.001	0.002	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW09	26 Sep 2022	CMW09	Normal	DU17	Former CLOR	<0.001	0.005	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW09	10 Aug 2023	CMW09	Normal	DU17	Former CLOR	0.004	<0.001	0.012	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW10	26 Sep 2022	CMW10	Normal	DU17	Former CLOR	<0.001	0.005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW10	11 Aug 2023	CMW10	Normal	DU17	Former CLOR	0.001	0.022	0.021	0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW11	26 Sep 2022	CMW11	Normal	DU17	Former CLOR	<0.1	<0.1	0.46	<0.1	<0.1	0.17	0.23	0.38	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_CMW11	10 Aug 2023	CMW11	Normal	DU17	Former CLOR	0.002	0.015	0.26	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW12	26 Sep 2022	CMW12	Normal	DU17	Former CLOR	0.098	0.17	1.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW12	10 Aug 2023	CMW12	Normal	DU17	Former CLOR	0.025	0.13	0.94	0.003	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW14	26 Sep 2022	CMW14	Normal	DU17	Former CLOR	0.032	0.1	1.1	0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW14	10 Aug 2023	CMW14	Normal	DU17	Former CLOR	0.006	0.043	0.36	0.021	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW15	26 Sep 2022	CMW15	Normal	DU17	Former CLOR	0.014	0.047	0.49	0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_CMW15	10 Aug 2023	CMW15	Normal	DU17	Former CLOR	0.005	0.025	0.39	0.015	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW16	14 Feb 2022	CMW16	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_CMW16	16 Feb 2023	CMW16	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW16	11 Aug 2023	CMW16	Normal	DU17	Former CLOR	<0.001	0.003	0.004	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW19	26 Sep 2022	CMW19	Normal	DU17	Former CLOR	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW19	10 Aug 2023	CMW19	Normal	DU17	Former CLOR	0.002	<0.001	0.012	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW22	26 Sep 2022	CMW22	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW22	11 Aug 2023	CMW22	Normal	DU17	Former CLOR	0.052	0.17	0.006	0.014	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW29	26 Sep 2022	CMW29	Normal	DU17	Former CLOR	<0.001	0.004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW29	11 Aug 2023	CMW29	Normal	DU17	Former CLOR	0.001	0.05	0.017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW30	26 Sep 2022	CMW30	Normal	DU17	Former CLOR	<0.001	0.026	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW30	10 Aug 2023	CMW30	Normal	DU17	Former CLOR	<0.001	0.35	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW31	26 Sep 2022	CMW31	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW31	10 Aug 2023	CMW31	Normal	DU17	Former CLOR	<0.001	0.003	0.003	0.005	0.002	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_CMW32	26 Sep 2022	CMW32	Normal	DU17	Former CLOR	<0.001	<0.001	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_CMW32	10 Aug 2023	CMW32	Normal	DU17	Former CLOR	0.01	0.079	0.21	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_OMW01	20 Sep 2022	OMW01	Normal	DU17	Former CLOR	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW01	01 Aug 2023	OMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW02	20 Sep 2022	OMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW03	20 Sep 2022	OMW03	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW03	01 Aug 2023	OMW03	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_OMW04	20 Sep 2022	OMW04	Normal	DU17	Former CLOR	<0.001	0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW04A	01 Aug 2023	OMW04A	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW05	20 Sep 2022	OMW05	Normal	DU17	Former CLOR	<0.001	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW05	01 Aug 2023	OMW05	Normal	DU17	Former CLOR	<0.001	0.006	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW06	20 Sep 2022	OMW06	Normal	DU17	Former CLOR	<0.001	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW06	01 Aug 2023	OMW06	Normal	DU17	Former CLOR	<0.001	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW09	20 Sep 2022	OMW09	Normal	DU17	Former CLOR	<0.001	0.005	3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW09	01 Aug 2023	OMW09	Normal	DU17	Former CLOR	<0.001	<0.001	1.5	<0.01	0.15	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW10	20 Sep 2022	OMW10	Normal	DU17	Former CLOR	0.008	0.021	0.25	0.04	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW10	01 Aug 2023	OMW10	Normal	DU17	Former CLOR	<0.1	<0.1	0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_OMW11	20 Sep 2022	OMW11	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW11	01 Aug 2023	OMW11	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_OMW12	20 Sep 2022	OMW12	Normal	DU17	Former CLOR	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW10	08 Feb 2022	PMW10	Normal	DU17	Former CLOR	0.02	0.06	0.62	0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW10	27 Sep 2022	PMW10	Normal	DU17	Former CLOR	0.013	0.1	0.39	0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW10	13 Feb 2023	PMW10	Normal	DU17	Former CLOR	0.001	0.004	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW10	07 Aug 2023	PMW10	Normal	DU17	Former CLOR	0.005	0.062	0.9	0.013	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW30	08 Feb 2022	PMW30	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW30	27 Sep 2022	PMW30	Normal	DU17	Former CLOR	<0.001	0.008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW30	13 Feb 2023	PMW30	Normal	DU17	Former CLOR	<0.001	0.008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW30	07 Aug 2023	PMW30	Normal	DU17	Former CLOR	<0.001	<0.001	0.005	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW38	08 Feb 2022	PMW38	Normal	DU17	Former CLOR	<0.01	0.01	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW38	27 Sep 2022	PMW38	Normal	DU17	Former CLOR	<0.001	0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW38	13 Feb 2023	PMW38	Normal	DU17	Former CLOR	0.003	0.019	0.14	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW38	07 Aug 2023	PMW38	Normal	DU17	Former CLOR	0.003	0.028	0.19	0.008	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW41	08 Feb 2022	PMW41	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW41	27 Sep 2022	PMW41	Normal	DU17	Former CLOR	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW41	13 Feb 2023	PMW41	Normal	DU17	Former CLOR	<0.001	0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW41	07 Aug 2023	PMW41	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PMW42	08 Feb 2022	PMW42	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW42	27 Sep 2022	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW42	13 Feb 2023	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW42	07 Aug 2023	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	0.006	<0.001	0.002	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW49	08 Feb 2022	PMW49	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW49	27 Sep 2022	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PMW49	13 Feb 2023	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW49	07 Aug 2023	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	0.024	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW50	08 Feb 2022	PMW50	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW50	27 Sep 2022	PMW50	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW50	13 Feb 2023	PMW50	Normal	DU17	Former CLOR	<0.001	0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW50	07 Aug 2023	PMW50	Normal	DU17	Former CLOR	<0.001	0.005	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW51	08 Feb 2022	PMW51	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW51	27 Sep 2022	PMW51	Normal	DU17	Former CLOR	0.007	0.038	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW51	13 Feb 2023	PMW51	Normal	DU17	Former CLOR	0.008	0.018	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW51	07 Aug 2023	PMW51	Normal	DU17	Former CLOR	<0.001	<0.001	0.024	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW53	08 Feb 2022	PMW53	Normal	DU17	Former CLOR	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW53	27 Sep 2022	PMW53	Normal	DU17	Former CLOR	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW53	13 Feb 2023	PMW53	Normal	DU17	Former CLOR	<0.001	0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW53	07 Aug 2023	PMW53	Normal	DU17	Former CLOR	<0.001	0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW57	08 Feb 2022	PMW57	Normal	DU17	Former CLOR	<0.01	<0.01	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW57	27 Sep 2022	PMW57	Normal	DU17	Former CLOR	<0.001	<0.001	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW57	13 Feb 2023	PMW57	Normal	DU17	Former CLOR	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW57	07 Aug 2023	PMW57	Normal	DU17	Former CLOR	<0.001	0.002	0.034	<0.001	0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_FTA-MW01	10 Feb 2022	FTA-MW01	Normal	DU17	Former Fire Training Area	<0.01	0.02	0.5	0.4	0.79	0.04	0.12	<0.01	0.19	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW01	27 Sep 2022	FTA-MW01	Normal	DU17	Former Fire Training Area	0.007	0.029	1.5	0.53	0.76	0.03	0.09	<0.01	0.22	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW01	13 Feb 2023	FTA-MW01	Normal	DU17	Former Fire Training Area	0.008	0.03	0.41	0.32	0.93	0.07	0.2	<0.01	0.36	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW01	07 Aug 2023	FTA-MW01	Normal	DU17	Former Fire Training Area	0.002	0.01	0.29	0.27	4.3	0.08	2.6	0.023	0.52	<0.005	<0.005	<0.005	<0.005
WSP2024d_FTA-MW02	10 Feb 2022	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.01	<0.01	0.87	0.19	0.09	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW02	27 Sep 2022	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.001	0.003	1.1	0.21	0.2	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW02	13 Feb 2023	FTA-MW02	Normal	DU17	Former Fire Training Area	0.002	0.008	1.1	0.14	0.07	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW02	07 Aug 2023	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.001	0.008	1.6	0.16	0.08	<0.001	0.002	<0.001	0.014	<0.005	<0.005	<0.005	<0.005
WSP2024d_FTA-MW03	10 Feb 2022	FTA-MW03	Normal	DU17	Former Fire Training Area	0.02	0.06	1.6	0.57	7.4	<0.01	<0.01	<0.01	1.5	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW03	27 Sep 2022	FTA-MW03	Normal	DU17	Former Fire Training Area	0.026	0.046	1.7	1	1.3	0.01	<0.01	<0.01	2.6	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW03	13 Feb 2023	FTA-MW03	Normal	DU17	Former Fire Training Area	0.026	0.05	1.2	0.79	0.98	0.03	<0.01	<0.01	3.4	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW03	07 Aug 2023	FTA-MW03	Normal	DU17	Former Fire Training Area	0.02	0.058	1.3	0.46	9.6	0.018	0.039	0.025	3.4	<0.005	<0.005	<0.005	<0.005
WSP2024d_FTA-MW04	10 Feb 2022	FTA-MW04	Normal	DU17	Former Fire Training Area	0.01	0.07	0.21	0.43	0.04	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW04	27 Sep 2022	FTA-MW04	Normal	DU17	Former Fire Training Area	0.021	0.076	0.33	0.26	0.2	0.02	0.08	<0.01	0.1	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW04	13 Feb 2023	FTA-MW04	Normal	DU17	Former Fire Training Area	0.016	0.05	0.37	0.16	0.12	0.01	0.02	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_FTA-MW04	07 Aug 2023	FTA-MW04	Normal	DU17	Former Fire Training Area	0.008	0.063	0.33	0.083	0.18	0.014	0.076	0.003	0.051	<0.005	<0.005	<0.005	<0.005
WSP2024d_PMW13	19 Sep 2022	PMW13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW13	31 Jul 2023	PMW13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW15	19 Sep 2022	PMW15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW15	31 Jul 2023	PMW15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW20	19 Sep 2022	PMW20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW20	31 Jul 2023	PMW20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW60	23 Sep 2022	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025d_PMW60	08 Aug 2024	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2025i_PMW60	07 Nov 2024	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	0.004	-	-	-	-	-	-	-	-	-	-	-
WSP2024d_PMW60	10 Feb 2022	PMW60	Normal	DU17	Former Fuel Refinery	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP01	07 Aug 2023	PP01	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PP01	27 Sep 2022	PP01	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP02	27 Sep 2022	PP02	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP02	07 Aug 2023	PP02	Normal	DU17	Former Fuel Refinery	<0.001	0.001	0.013	0.004	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PP03	20 Sep 2022	PP03	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP03	01 Aug 2023	PP03	Normal	DU17	Former Fuel Refinery	0.004	<0.001	0.03	0.05	0.02	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP04	20 Sep 2022	PP04	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP04	01 Aug 2023	PP04	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP05	01 Aug 2023	PP05	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP05	20 Sep 2022	PP05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP06	04 Aug 2023	PP06	Normal	DU17	Former Fuel Refinery	0.004	0.026	0.011	0.014	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PP06	26 Sep 2022	PP06	Normal	DU17	Former Fuel Refinery	0.019	0.063	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PP07	20 Sep 2022	PP07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP07	01 Aug 2023	PP07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP08	21 Sep 2022	PP08	Normal	DU17	Former Fuel Refinery	0.001	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP09	20 Sep 2022	PP09	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP09	01 Aug 2023	PP09	Normal	DU17	Former Fuel Refinery	<0.001	0.004	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP10	04 Aug 2023	PP10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PP10	26 Sep 2022	PP10	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP11	19 Sep 2022	PP11	Normal	DU17	Former Fuel Refinery	0.022	0.11	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP11	31 Jul 2023	PP11	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP12	19 Sep 2022	PP12	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP12	31 Jul 2023	PP12	Normal	DU17	Former Fuel Refinery	<0.001	0.006	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP13	19 Sep 2022	PP13	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PP13	31 Jul 2023	PP13	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU01	31 Jul 2023	PU01	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU01	19 Sep 2022	PU01	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_PU02	31 Jul 2023	PU02	Normal	DU17	Former Fuel Refinery	<0.001	0.009	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU02	19 Sep 2022	PU02	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_PU03	19 Sep 2022	PU03	Normal	DU17	Former Fuel Refinery	<0.001	0.028	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU03	31 Jul 2023	PU03	Normal	DU17	Former Fuel Refinery	<0.001	0.043	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU04	31 Jul 2023	PU04	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU04	19 Sep 2022	PU04	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_PU05	19 Sep 2022	PU05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU05	31 Jul 2023	PU05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU06	31 Jul 2023	PU06	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU06	19 Sep 2022	PU06	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU07	19 Sep 2022	PU07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU07	31 Jul 2023	PU07	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU08	31 Jul 2023	PU08	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU08	19 Sep 2022	PU08	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU09	31 Jul 2023	PU09	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU09	19 Sep 2022	PU09	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU10	27 Sep 2022	PU10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU10	07 Aug 2023	PU10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.003	0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU100	01 Aug 2023	PU100	Normal	DU17	Former Fuel Refinery	<0.001	0.008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU101	01 Aug 2023	PU101	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU102	01 Aug 2023	PU102	Normal	DU17	Former Fuel Refinery	<0.001	0.009	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU103	01 Aug 2023	PU103	Normal	DU17	Former Fuel Refinery	<0.001	0.012	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU104	01 Aug 2023	PU104	Normal	DU17	Former Fuel Refinery	<0.001	0.021	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU105	01 Aug 2023	PU105	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU108	01 Aug 2023	PU108	Normal	DU17	Former Fuel Refinery	<0.001	0.008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU109	01 Aug 2023	PU109	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU11	27 Sep 2022	PU11	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU11	07 Aug 2023	PU11	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.024	0.012	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU110	01 Aug 2023	PU110	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU111	01 Aug 2023	PU111	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU12	27 Sep 2022	PU12	Normal	DU17	Former Fuel Refinery	<0.001	0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU12	07 Aug 2023	PU12	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU13	27 Sep 2022	PU13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU13	07 Aug 2023	PU13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU14	07 Aug 2023	PU14	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.002	0.005	0.002	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU14	27 Sep 2022	PU14	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU15	07 Aug 2023	PU15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU15	27 Sep 2022	PU15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU16	04 Aug 2023	PU16	Normal	DU17	Former Fuel Refinery	<0.001	0.005	0.014	0.001	0.002	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU16	21 Sep 2022	PU16	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU17	21 Sep 2022	PU17	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PU18	21 Sep 2022	PU18	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU19	21 Sep 2022	PU19	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU20	21 Sep 2022	PU20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU21	04 Aug 2023	PU21	Normal	DU17	Former Fuel Refinery	<0.001	0.01	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU21	21 Sep 2022	PU21	Normal	DU17	Former Fuel Refinery	<0.001	0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU22	21 Sep 2022	PU22	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU22	04 Aug 2023	PU22	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU23	04 Aug 2023	PU23	Normal	DU17	Former Fuel Refinery	<0.001	0.017	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU23	26 Sep 2022	PU23	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	0.17	<0.1	<0.1	0.12	0.13	0.17	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU24	26 Sep 2022	PU24	Normal	DU17	Former Fuel Refinery	<0.001	0.053	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU24	04 Aug 2023	PU24	Normal	DU17	Former Fuel Refinery	0.005	0.085	0.016	0.004	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU25	04 Aug 2023	PU25	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU25	26 Sep 2022	PU25	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU26	04 Aug 2023	PU26	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.02	0.012	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU26	26 Sep 2022	PU26	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU27	04 Aug 2023	PU27	Normal	DU17	Former Fuel Refinery	0.01	0.012	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU27	26 Sep 2022	PU27	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU28	26 Sep 2022	PU28	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU28	04 Aug 2023	PU28	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU29	04 Aug 2023	PU29	Normal	DU17	Former Fuel Refinery	0.004	0.013	0.034	0.004	0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU29	26 Sep 2022	PU29	Normal	DU17	Former Fuel Refinery	0.005	0.046	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU30	27 Sep 2022	PU30	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU30	07 Aug 2023	PU30	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.022	0.004	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU59	19 Sep 2022	PU59	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU59	31 Jul 2023	PU59	Normal	DU17	Former Fuel Refinery	<0.001	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU60	19 Sep 2022	PU60	Normal	DU17	Former Fuel Refinery	<0.001	0.011	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU60	31 Jul 2023	PU60	Normal	DU17	Former Fuel Refinery	<0.001	0.014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU61	19 Sep 2022	PU61	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU61	31 Jul 2023	PU61	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU62	26 Sep 2022	PU62	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU62	04 Aug 2023	PU62	Normal	DU17	Former Fuel Refinery	<0.001	0.012	0.013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU63	04 Aug 2023	PU63	Normal	DU17	Former Fuel Refinery	<0.001	0.017	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU63	26 Sep 2022	PU63	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	0.11	<0.1	<0.1	0.13	0.13	0.16	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU64	04 Aug 2023	PU64	Normal	DU17	Former Fuel Refinery	0.001	0.008	0.005	0.003	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU64	26 Sep 2022	PU64	Normal	DU17	Former Fuel Refinery	0.023	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU78	26 Sep 2022	PU78	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU78	04 Aug 2023	PU78	Normal	DU17	Former Fuel Refinery	<0.001	0.019	0.012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU79	04 Aug 2023	PU79	Normal	DU17	Former Fuel Refinery	<0.001	0.007	0.009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU79	26 Sep 2022	PU79	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU80	04 Aug 2023	PU80	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU80	26 Sep 2022	PU80	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU81	04 Aug 2023	PU81	Normal	DU17	Former Fuel Refinery	<0.001	0.005	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU81	26 Sep 2022	PU81	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU82	26 Sep 2022	PU82	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU82	04 Aug 2023	PU82	Normal	DU17	Former Fuel Refinery	0.001	0.003	0.031	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU83	26 Sep 2022	PU83	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU83	04 Aug 2023	PU83	Normal	DU17	Former Fuel Refinery	<0.001	0.01	0.014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU84	26 Sep 2022	PU84	Normal	DU17	Former Fuel Refinery	0.007	0.062	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU85	26 Sep 2022	PU85	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU85	04 Aug 2023	PU85	Normal	DU17	Former Fuel Refinery	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU86	04 Aug 2023	PU86	Normal	DU17	Former Fuel Refinery	<0.001	0.006	0.019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU86	26 Sep 2022	PU86	Normal	DU17	Former Fuel Refinery	<0.001	0.005	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU87	04 Aug 2023	PU87	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU89	27 Sep 2022	PU89	Normal	DU17	Former Fuel Refinery	0.001	0.013	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU89	07 Aug 2023	PU89	Normal	DU17	Former Fuel Refinery	<0.001	0.003	0.041	0.004	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU90	07 Aug 2023	PU90	Normal	DU17	Former Fuel Refinery	<0.001	0.001	0.009	0.003	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005

Table T03b - Groundwater Analytical Results

						Per- and Poly-fluoroalkyl Substances												
						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnA)	Perfluorododecanoic acid (PFDoA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.02	0.0005 - 0.05	0.0005 - 0.02	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05	0.001 - 0.05
PFAS NEMP 2025 Recreational water quality guideline																		
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone													
WSP2024d_PU90	27 Sep 2022	PU90	Normal	DU17	Former Fuel Refinery	<0.001	0.008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU91	07 Aug 2023	PU91	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_PU91	27 Sep 2022	PU91	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PU99	01 Aug 2023	PU99	Normal	DU17	Former Fuel Refinery	<0.001	0.012	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_BW01	21 Sep 2022	BW01	Normal	DU17	Former Jet Fuel Area	<0.001	<0.001	0.02	0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_BW01	08 Aug 2023	BW01	Normal	DU17	Former Jet Fuel Area	0.004	0.001	0.026	0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2024d_BW01	14 Feb 2022	BW01	Normal	DU17	Former Jet Fuel Area	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
WSP2024d_PMW08	10 Feb 2022	PMW08	Normal	DU17	Landfarm Area	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW08	23 Sep 2022	PMW08	Normal	DU17	Landfarm Area	<0.001	0.002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025d_PMW08	08 Aug 2024	PMW08	Normal	DU17	Landfarm Area	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2025i_PMW08	07 Nov 2024	PMW08	Normal	DU17	Landfarm Area	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-
WSP2024d_PMW33	10 Feb 2022	PMW33	Normal	DU17	Landfarm Area	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW33	23 Sep 2022	PMW33	Normal	DU17	Landfarm Area	<0.001	<0.001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2025d_PMW33	08 Aug 2024	PMW33	Normal	DU17	Landfarm Area	<0.001	0.023	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005
WSP2025i_PMW33	07 Nov 2024	PMW33	Normal	DU17	Landfarm Area	<0.001	0.009	-	-	-	-	-	-	-	-	-	-	-
WSP2024d_PMW64	27 Sep 2022	PMW64	Normal	DU17	RPIP Mountain	0.001	0.005	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05
WSP2024d_PMW64	07 Aug 2023	PMW64	Normal	DU17	RPIP Mountain	<0.001	0.01	0.11	0.01	0.002	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS
#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 Recreational water quality guideline

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2025c_FTA_MW06	02 Nov 2023	DP01_FTA_MW06	Normal	DU14	DU14	0.02	0.08	<0.05	<0.05	<0.01	<1	<1	<0.01	2.96	16.26	-	5.76
WSP2025c_FTA_MW01	20 Apr 2016	FTA_MW01	Normal	DU14	DU14	-	-	-	-	-	3.6	27.1	-	-	-	-	-
WSP2025c_FTA_MW01	12 Aug 2019	FTA_MW01	Normal	DU14	DU14	-	0.088	<0.005	<0.005	0.011	0.38	1.8	<0.001	2.9	27.28	24.168	7.5
WSP2025c_FTA_MW01	12 Feb 2024	FTA_MW01	Normal	DU14	DU14	0.002	0.01	<0.005	<0.005	0.004	0.23	1.4	0.12	0.67	7.417	-	1.27
WSP2025c_FTA_MW01	12 Aug 2024	FTA_MW01	Normal	DU14	DU14	0.019	0.025	<0.005	<0.005	0.005	0.81	12	0.79	1.1	19.533	-	1.85
WSP2025c_FTA_MW01	07 Nov 2024	FTA_MW01	Normal	DU14	DU14	0.006	0.019	<0.005	<0.005	0.005	0.46	1.5	<0.5	1.28	7.389	-	1.88
WSP2025c_FTA_MW02	20 Apr 2016	FTA_MW02	Normal	DU14	DU14	-	-	-	-	-	1.7	7.1	-	-	-	-	-
WSP2025c_FTA_MW02	04 May 2018	FTA_MW02	Normal	DU14	DU14	-	<0.02	<0.02	<0.02	<0.05	0.06	1.87	<0.05	0.65	12.8	11.5	-
WSP2025c_FTA_MW02	12 Aug 2019	FTA_MW02	Normal	DU14	DU14	-	0.009	<0.005	<0.005	<0.001	0.03	0.45	0.003	0.59	20.907	19.799	5.29
WSP2025c_FTA_MW02	13 Aug 2020	FTA_MW02	Normal	DU14	DU14	<0.001	0.004	<0.005	<0.005	<0.001	0.72	<0.001	0.049	0.385	9.634	8.279	3.085
WSP2025c_FTA_MW02	05 Feb 2021	FTA_MW02	Normal	DU14	DU14	0.001	<0.001	<0.005	<0.005	<0.001	0.057	6.4	0.012	1.077	16.24	14.994	3.077
WSP2025c_FTA_MW02	06 Aug 2021	FTA_MW02	Normal	DU14	DU14	0.003	0.009	<0.05	<0.05	<0.001	0.14	0.22	0.023	<0.1	13.97	13.646	1.577
WSP2025c_FTA_MW02	10 Feb 2022	FTA_MW02	Normal	DU14	DU14	<0.01	<0.01	<0.05	<0.05	<0.01	0.12	2.5	<0.01	0.75	14.08	-	2.85
WSP2025c_FTA_MW02	27 Sep 2022	FTA_MW02	Normal	DU14	DU14	<0.001	0.003	<0.05	<0.05	<0.001	0.077	1.3	0.055	0.618	8.971	-	2.418
WSP2025c_FTA_MW02	13 Feb 2023	FTA_MW02	Normal	DU14	DU14	0.002	0.008	<0.05	<0.05	<0.001	0.49	4.9	0.079	0.57	14.697	-	2.57
WSP2025c_FTA_MW02	07 Aug 2023	FTA_MW02	Normal	DU14	DU14	<0.001	0.008	<0.005	<0.005	<0.001	0.22	0.74	0.012	0.86	16.39	-	3.96
WSP2025c_FTA_MW02	12 Feb 2024	FTA_MW02	Normal	DU14	DU14	<0.001	0.006	<0.005	<0.005	<0.001	0.017	0.87	0.009	0.7	4.264	-	1.06
WSP2025c_FTA_MW02	12 Aug 2024	FTA_MW02	Normal	DU14	DU14	<0.001	0.004	<0.005	<0.005	<0.001	0.064	4.6	0.016	0.598	13.839	-	2.798
WSP2025c_FTA_MW02	07 Nov 2024	FTA_MW02	Normal	DU14	DU14	0.002	0.007	<0.005	<0.005	<0.001	0.14	13	<0.1	2.47	29.594	-	5.87
WSP2025c_FTA_MW03	20 Apr 2016	FTA_MW03	Normal	DU14	DU14	-	-	-	-	-	16.2	9.5	-	-	-	-	-
WSP2025c_FTA_MW03	04 May 2018	FTA_MW03	Normal	DU14	DU14	-	0.07	<0.02	<0.02	<0.05	13.5	33.3	<0.05	13.9	119	83.5	-
WSP2025c_FTA_MW03	12 Aug 2019	FTA_MW03	Normal	DU14	DU14	-	0.063	<0.005	<0.005	0.028	0.43	3.3	0.014	9.2	36.41	27.563	14.3
WSP2025c_FTA_MW03	13 Aug 2020	FTA_MW03	Normal	DU14	DU14	0.011	0.03	<0.005	<0.005	0.039	30	110	0.59	6.7	172.625	162.56	17.7
WSP2025c_FTA_MW03	05 Feb 2021	FTA_MW03	Normal	DU14	DU14	<0.001	0.08	<0.005	<0.005	<0.001	7.5	29	0.036	9.93	66.485	56.59	13.93
WSP2025c_FTA_MW03	06 Aug 2021	FTA_MW03	Normal	DU14	DU14	0.03	0.047	<0.05	<0.05	0.025	5.8	40	0.11	8.17	84.485	64.237	10.77
WSP2025c_FTA_MW03	10 Feb 2022	FTA_MW03	Normal	DU14	DU14	0.02	0.06	<0.05	<0.05	0.02	2.2	3.2	0.06	6.42	31.79	-	8.82
WSP2025c_FTA_MW03	27 Sep 2022	FTA_MW03	Normal	DU14	DU14	0.026	0.046	<0.05	<0.05	0.022	5.3	38	0.16	6.4	61.285	-	8
WSP2025c_FTA_MW03	13 Feb 2023	FTA_MW03	Normal	DU14	DU14	0.026	0.05	<0.05	<0.05	0.027	5.5	32	0.37	3.96	54.293	-	5.66
WSP2025c_FTA_MW03	07 Aug 2023	FTA_MW03	Normal	DU14	DU14	0.02	0.058	<0.005	<0.005	0.02	1.6	2	0.094	6.56	29.648	-	7.76
WSP2025c_FTA_MW03	12 Feb 2024	FTA_MW03	Normal	DU14	DU14	0.014	0.052	<0.005	<0.005	<0.001	2.2	25	0.61	6.67	47.434	-	8.47
WSP2025c_FTA_MW03	12 Aug 2024	FTA_MW03	Normal	DU14	DU14	0.014	0.04	<0.005	<0.005	0.029	4.7	22	0.25	3.39	42.231	-	5.09
WSP2025c_FTA_MW03	07 Nov 2024	FTA_MW03	Normal	DU14	DU14	0.024	0.067	<0.005	<0.05	0.02	2.9	15	<0.1	10.12	55.045	-	12.02
WSP2025c_FTA_MW04	20 Apr 2016	FTA_MW04	Normal	DU14	DU14	-	-	-	-	-	0.5	3.4	-	-	-	-	-
WSP2025c_FTA_MW04	04 May 2018	FTA_MW04	Normal	DU14	DU14	-	0.14	<0.02	<0.02	<0.05	6.76	14.6	<0.05	1.56	37.2	35.5	-
WSP2025c_FTA_MW04	12 Aug 2019	FTA_MW04	Normal	DU14	DU14	-	0.12	<0.005	<0.005	<0.001	0.38	0.6	0.011	2.07	14.744	13.67	4.77
WSP2025c_FTA_MW04	13 Aug 2020	FTA_MW04	Normal	DU14	DU14	0.004	0.017	<0.005	<0.005	<0.001	0.14	0.15	0.024	0.38	3.131	2.497	0.71
WSP2025c_FTA_MW04	05 Feb 2021	FTA_MW04	Normal	DU14	DU14	0.029	0.053	<0.005	<0.005	<0.001	0.28	7.8	0.022	1.2	13.238	12.333	1.94
WSP2025c_FTA_MW04	10 Feb 2022	FTA_MW04	Normal	DU14	DU14	0.01	0.07	<0.05	<0.05	<0.01	0.49	2.6	0.01	0.77	8.98	-	1.48
WSP2025c_FTA_MW04	27 Sep 2022	FTA_MW04	Normal	DU14	DU14	0.021	0.076	<0.05	<0.05	<0.001	4	10	0.057	1.67	25.607	-	3.07
WSP2025c_FTA_MW04	13 Feb 2023	FTA_MW04	Normal	DU14	DU14	0.016	0.05	<0.05	<0.05	<0.001	0.2	2.6	0.074	0.64	6.948	-	1.12
WSP2025c_FTA_MW04	07 Aug 2023	FTA_MW04	Normal	DU14	DU14	0.008	0.063	<0.005	<0.005	<0.001	<0.005	0.7	0.17	1.51	8.52	-	2.49
WSP2025c_FTA_MW04	12 Aug 2024	FTA_MW04	Normal	DU14	DU14	0.011	0.056	<0.005	<0.005	<0.001	6.4	14	4.5	10.1	66.827	-	13.6
WSP2025c_FTA_HA06	09 Nov 2022	FTA-HA06-GW	Normal	DU14	DU14	<0.01	<0.01	<0.05	0.06	<0.01	0.22	6.2	5.2	2.33	24.66	-	2.99
WSP2025c_FTA_HA07	09 Nov 2022	FTA-HA07-GW	Normal	DU14	DU14	0.09	0.08	<0.05	<0.05	0.05	3.7	22	4	12.35	66.97	-	13.55
WSP2025c_FTA_MW01	13 Aug 2020	FTA-MW01	Normal	DU14	DU14	0.01	0.035	<0.005	<0.005	0.013	0.26	<0.001	0.45	4.59	19.331	15.365	8.19
WSP2025c_FTA_MW01	05 Feb 2021	FTA-MW01	Normal	DU14	DU14	0.026	0.048	<0.005	<0.005	<0.001	2.1	17	3.2	3.47	34.8	28.258	5.37
WSP2025c_FTA_MW01	06 Aug 2021	FTA-MW01	Normal	DU14	DU14	0.008	0.018	<0.05	<0.05	0.005	0.83	17	0.2	1.42	29.695	25.798	2.52
WSP2025c_FTA_MW01	10 Feb 2022	FTA-MW01	Normal	DU14	DU14	<0.01	0.02	<0.05	<0.05	0.02	1.4	2.6	0.17	1.84	11.44	-	2.76
WSP2025c_FTA_MW01	27 Sep 2022	FTA-MW01	Normal	DU14	DU14	0.007	0.029	<0.05	<0.05	0.007	0.94	1.2	<0.001	2.41	13.343	-	3.91
WSP2025c_FTA_MW01	13 Feb 2023	FTA-MW01	Normal	DU14	DU14	0.008	0.03	<0.05	<0.05	0.005	<0.005	1.2	0.32	1.7	11.205	-	3
WSP2025c_FTA_MW01	07 Aug 2023	FTA-MW01	Normal	DU14	DU14	0.002	0.01	<0.005	<0.005	0.003	0.32	6.3	0.34	0.77	18.685	-	1.4
WSP2025c_FTA-MW05	12 Feb 2024	FTA-MW05	Normal	DU14	DU14	0.005	0.028	<0.005	<0.005	<0.001	2.5	63	0.089	4.03	78.778	-	6.03
WSP2025c_FTA-MW05	12 Aug 2024	FTA-MW05	Normal	DU14	DU14	0.005	0.032	0.075	<0.005	0.008	3	39	0.059	9.35	63.488	-	11.25
WSP2025c_FTA-MW05	07 Nov 2024	FTA-MW05	Normal	DU14	DU14	0.042	0.16	0.016	<0.005	0.066	5.7	18	0.2	6.1	51.416	-	8.8
WSP2025c_FTA_MW06	12 Feb 2024	FTA-MW06	Normal	DU14	DU14	0.007	0.039	<0.005	<0.005	<0.001	0.049	0.094	0.005	1	9.065	-	3.3
WSP2025c_FTA_MW06	12 Aug 2024	FTA-MW06	Normal	DU14	DU14	<0.001	0.007	<0.005	<0.005	<0.001	0.013	0.004	<0.001	0.46	3.69	-	1.46

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2025c_FTA_MW06	07 Nov 2024	FTA-MW06	Normal	DU14	DU14	0.008	0.03	<0.005	<0.005	<0.001	0.065	0.053	<0.01	1.43	10.921	-	4.73
WSP2025c_FTA-MW07	12 Feb 2024	FTA-MW07	Normal	DU14	DU14	<0.001	<0.001	0.013	<0.005	0.003	0.075	0.64	0.067	0.393	2.27	-	0.44
WSP2025c_FTA-MW07	12 Aug 2024	FTA-MW07	Normal	DU14	DU14	<0.001	<0.001	0.005	<0.005	0.001	0.049	1	0.089	0.258	2.241	-	0.378
WSP2025c_FTA-MW07	07 Nov 2024	FTA-MW07	Normal	DU14	DU14	<0.001	0.002	<0.005	0.005	<0.01	<0.1	0.65	0.23	0.34	2.175	-	0.49
WSP2025c_FTA-MW09	07 Nov 2024	FTA-MW09	Normal	DU14	DU14	0.003	0.009	<0.005	<0.005	<0.01	<0.1	<10	<0.1	1.72	<10	-	2.56
WSP2025c_FTA-MW10	07 Nov 2024	FTA-MW10	Normal	DU14	DU14	0.003	0.021	<0.005	<0.005	<0.001	<0.05	0.021	0.002	0.332	1.047	-	0.462
WSP2025c_FTA-MW12	07 Nov 2024	FTA-MW12	Normal	DU14	DU14	0.08	0.38	<0.005	<0.005	<0.01	3.3	<10	<0.1	16.8	37.853	-	18.9
WSP2025c_FTA-MW13	07 Nov 2024	FTA-MW13	Normal	DU14	DU14	0.003	0.021	<0.005	<0.005	<0.001	0.021	0.41	<0.01	0.58	3.222	-	0.81
WSP2025c_FTA-MW14	07 Nov 2024	FTA-MW14	Normal	DU14	DU14	0.007	0.031	<0.005	<0.005	<0.001	<0.1	<1	0.005	17.64	24.86	-	19.04
WSP2025c_FTA-MW15	07 Nov 2024	FTA-MW15	Normal	DU14	DU14	0.005	0.014	<0.005	<0.005	<0.001	0.11	0.28	<0.01	1.26	5.68	-	1.87
WSP2025c_FTA-MW16	07 Nov 2024	FTA-MW16	Normal	DU14	DU14	0.002	0.009	<0.005	<0.005	<0.001	<0.1	0.15	<0.01	1.24	4.603	-	1.77
WSP2025c_PP17	04 May 2018	PP17	Normal	DU14	DU14	-	0.08	<0.02	<0.02	<0.05	0.07	1.45	<0.05	2.73	12.4	9.59	-
WSP2025c_PP17	12 Aug 2019	PP17	Normal	DU14	DU14	-	0.12	<0.005	<0.005	<0.001	0.12	0.33	<0.001	3.7	12.194	10.75	5.5
WSP2025c_PP17	04 Aug 2020	PP17	Normal	DU14	DU14	0.035	0.24	<0.05	<0.05	<0.001	0.12	0.097	<0.001	4.5	14.706	13.617	8
WSP2025c_PP17	05 Aug 2024	PP17	Normal	DU14	DU14	<0.1	<0.1	<0.2	<0.2	<0.1	<0.5	0.78	<0.1	2.14	7.37	-	3.44
WSP2025c_PP17	03 Feb 2020	PU17	Normal	DU14	DU14	<0.001	0.003	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.0096	0.1516	0.1446	0.0406
WSP2025c_FTA_MW02	20 Apr 2016	QC01	Field_D	DU14	DU14	-	-	-	-	-	1.7	6.6	-	-	-	-	-
WSP2025d_PMW61	08 Aug 2024	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	0.23	<0.001	0.041	0.89	0.828	0.231
WSP2024d_PMW61	23 Sep 2022	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.05	0.925	0.854	0.27
WSP2025i_PMW61	07 Nov 2024	PMW61	Normal	DU17	Eastern Tank Farm	<0.001	0.001	-	-	-	-	-	-	0.086	2.756	-	0.626
WSP2024d_PMW61	10 Feb 2022	PMW61	Normal	DU17	Eastern Tank Farm	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	1.9	<0.01	0.18	4.56	4.35	0.97
WSP2024d_PU46	03 Aug 2023	PU46	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	0.007	<0.001	<0.001	0.007	0.145	0.137	0.023
WSP2024d_PU46	23 Sep 2022	PU46	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.006	<0.001	0.061	0.267	0.263	0.077
WSP2024d_PU47	03 Aug 2023	PU47	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	0.5	0.008	<0.001	0.049	2.557	2.527	0.149
WSP2024d_PU47	23 Sep 2022	PU47	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.013	0.007	<0.001	0.312	0.887	0.849	0.442
WSP2024d_PU48	23 Sep 2022	PU48	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.052	0.003	<0.001	0.021	0.467	0.444	0.055
WSP2024d_PU48	03 Aug 2023	PU48	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	0.045	0.003	<0.001	0.022	0.341	0.329	0.057
WSP2024d_PU49	03 Aug 2023	PU49	Normal	DU17	Eastern Tank Farm	<0.001	0.001	<0.005	<0.005	<0.001	0.013	0.002	<0.001	0.016	1.085	0.975	0.146
WSP2024d_PU49	23 Sep 2022	PU49	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.015	0.001	<0.001	0.042	0.388	0.353	0.091
WSP2024d_PU51	03 Aug 2023	PU51	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.0038	0.2798	0.2678	0.0468
WSP2024d_PU51	23 Sep 2022	PU51	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.015	<0.001	<0.001	0.005	0.288	0.278	0.032
WSP2024d_PU66	03 Aug 2023	PU66	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.0079	0.0549	0.0509	0.0159
WSP2024d_PU66	23 Sep 2022	PU66	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.029	0.354	0.348	0.068
WSP2024d_PU67	03 Aug 2023	PU67	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.0099	0.2699	0.2539	0.0429
WSP2024d_PU67	23 Sep 2022	PU67	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.29	0.002	<0.001	0.018	0.881	0.86	0.078
WSP2024d_PU68	23 Sep 2022	PU68	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.005	<0.001	<0.001	0.0075	2.9745	2.9525	0.1675
WSP2024d_PU68	03 Aug 2023	PU68	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	0.089	0.003	<0.001	0.0082	4.6202	4.5002	0.3982
WSP2024d_PU69	03 Aug 2023	PU69	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.0064	1.9794	1.9564	0.1064
WSP2024d_PU69	23 Sep 2022	PU69	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0111	0.6801	0.6681	0.0381
WSP2024d_PU70	23 Sep 2022	PU70	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.05	<0.05	<0.001	1.1	0.003	<0.001	0.0322	1.9232	1.8982	0.1822
WSP2024d_PU70	03 Aug 2023	PU70	Normal	DU17	Eastern Tank Farm	<0.001	0.007	<0.005	<0.005	<0.001	0.025	<0.001	<0.001	0.095	1.25	1.216	0.184
WSP2024d_PU71	23 Sep 2022	PU71	Normal	DU17	Eastern Tank Farm	<0.001	0.004	<0.05	<0.05	<0.001	0.38	0.002	<0.001	0.167	4.55	4.513	0.437
WSP2024d_PU71	03 Aug 2023	PU71	Normal	DU17	Eastern Tank Farm	0.005	0.03	<0.005	<0.005	<0.001	4.6	0.001	<0.001	0.45	8.898	8.791	0.66
WSP2024d_PU72	03 Aug 2023	PU72	Normal	DU17	Eastern Tank Farm	0.001	0.013	<0.005	<0.005	<0.001	1.2	0.006	<0.001	1.24	3.943	3.859	1.45
WSP2024d_PU72	23 Sep 2022	PU72	Normal	DU17	Eastern Tank Farm	0.002	0.011	<0.05	<0.05	<0.001	0.22	0.004	<0.001	1.73	3.296	3.028	2.19
WSP2024d_PU73	23 Sep 2022	PU73	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.112	0.283	0.266	0.125
WSP2024d_PU73	03 Aug 2023	PU73	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	0.016	<0.001	<0.001	0.179	0.347	0.344	0.206
WSP2024d_PU75	01 Aug 2023	PU75	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.001	0.043	0.043	0.005
WSP2024d_PU75	20 Sep 2022	PU75	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.022	0.002	<0.001	0.038	0.604	0.582	0.148
WSP2024d_PU76	20 Sep 2022	PU76	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.014	0.032	0.029	0.018
WSP2024d_PU76	01 Aug 2023	PU76	Normal	DU17	Eastern Tank Farm	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.5	<0.5	<0.1
WSP2024d_PU77	03 Aug 2023	PU77	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.005	<0.005	<0.001	0.015	0.071	<0.001	0.028	2.926	2.894	0.828
WSP2024d_PU77	23 Sep 2022	PU77	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.05	<0.05	<0.001	0.027	0.11	<0.001	0.054	1.506	1.433	0.384
WSP2024d_PU94	03 Aug 2023	PU94	Normal	DU17	Eastern Tank Farm	<0.001	0.006	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	1.1	1.349	1.323	1.141
WSP2024d_PU94	23 Sep 2022	PU94	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	1.24	2.157	2.095	1.323
WSP2024d_PU95	23 Sep 2022	PU95	Normal	DU17	Eastern Tank Farm	0.01	0.033	<0.05	<0.05	<0.001	0.8	0.023	<0.001	1.28	4.76	4.401	1.78

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2024d_PU95	03 Aug 2023	PU95	Normal	DU17	Eastern Tank Farm	<0.001	0.026	<0.005	<0.005	<0.001	0.1	0.027	<0.001	1.85	3.138	3.059	1.936
WSP2024d_PU96	03 Aug 2023	PU96	Normal	DU17	Eastern Tank Farm	0.003	0.028	<0.005	<0.005	<0.001	0.25	0.006	<0.001	0.64	1.997	1.936	0.92
WSP2024d_PU96	23 Sep 2022	PU96	Normal	DU17	Eastern Tank Farm	0.005	0.02	<0.05	<0.05	<0.001	2.2	0.007	<0.001	1.98	6.435	6.312	2.36
WSP2024d_PU97	03 Aug 2023	PU97	Normal	DU17	Eastern Tank Farm	0.002	0.013	<0.005	<0.005	<0.001	3.3	<0.001	<0.001	0.61	6.227	6.193	0.88
WSP2024d_PU97	23 Sep 2022	PU97	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.05	<0.05	<0.001	0.14	0.008	<0.001	1.43	2.509	2.469	1.63
WSP2024d_PU98	23 Sep 2022	PU98	Normal	DU17	Eastern Tank Farm	0.002	0.013	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	0.55	2.39	2.255	1.02
WSP2024d_PU98	03 Aug 2023	PU98	Normal	DU17	Eastern Tank Farm	0.008	0.094	<0.005	<0.005	<0.001	3.6	0.012	<0.001	0.67	6.978	6.786	0.79
WSP2024d_W08	20 Sep 2022	W08	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.05	0.439	0.424	0.085
WSP2024d_W09	20 Sep 2022	W09	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.019	0.117	0.105	0.033
WSP2024d_W10	20 Sep 2022	W10	Normal	DU17	Eastern Tank Farm	<0.001	0.008	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	1.01	1.691	1.572	1.23
WSP2024d_W11	20 Sep 2022	W11	Normal	DU17	Eastern Tank Farm	0.001	0.011	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	1.85	2.606	2.456	1.95
WSP2024d_W12	20 Sep 2022	W12	Normal	DU17	Eastern Tank Farm	<0.001	0.004	<0.05	<0.05	<0.001	0.043	0.005	<0.001	0.12	0.369	0.345	0.163
WSP2024d_W13	20 Sep 2022	W13	Normal	DU17	Eastern Tank Farm	0.004	0.021	<0.05	<0.05	<0.001	0.22	0.01	<0.001	1.75	4.917	4.821	2.01
WSP2024d_W16	20 Sep 2022	W16	Normal	DU17	Eastern Tank Farm	0.003	0.024	<0.05	<0.05	<0.001	0.007	0.06	<0.001	1.5	3.075	2.901	1.94
WSP2024d_W17	20 Sep 2022	W17	Normal	DU17	Eastern Tank Farm	<0.001	0.005	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	0.916	1.536	1.446	1.106
WSP2024d_W18	20 Sep 2022	W18	Normal	DU17	Eastern Tank Farm	<0.001	0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.149	0.424	0.407	0.189
WSP2024d_W19	20 Sep 2022	W19	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	0.166	0.513	0.478	0.226
WSP2024d_W20	20 Sep 2022	W20	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	0.111	0.331	0.314	0.142
WSP2024d_W21	20 Sep 2022	W21	Normal	DU17	Eastern Tank Farm	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.048	0.334	0.32	0.075
WSP2024d_W22	20 Sep 2022	W22	Normal	DU17	Eastern Tank Farm	<0.001	<0.001	<0.05	<0.05	<0.001	0.056	0.022	<0.001	0.04	0.513	0.502	0.084
WSP2024d_BP01	08 Feb 2022	BP01	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.02	<0.1	<0.05	0.02
WSP2024d_BP01	27 Sep 2022	BP01	Normal	DU17	Former CLOR	<0.001	0.011	<0.05	<0.05	<0.001	0.12	<0.001	<0.001	0.141	0.905	0.874	0.201
WSP2024d_BP01	13 Feb 2023	BP01	Normal	DU17	Former CLOR	<0.001	0.003	<0.05	<0.05	<0.001	0.19	<0.001	<0.001	0.075	0.601	0.575	0.112
WSP2024d_BP01	07 Aug 2023	BP01	Normal	DU17	Former CLOR	0.003	0.017	<0.005	<0.005	<0.001	1.8	<0.001	<0.001	0.66	4.324	4.187	0.89
WSP2024d_CLOR1	08 Feb 2022	CLOR1	Normal	DU17	Former CLOR	0.03	0.08	<0.05	<0.05	<0.01	0.31	<0.01	<0.01	2.49	4.86	4.48	2.78
WSP2024d_CLOR1	27 Sep 2022	CLOR1	Normal	DU17	Former CLOR	<0.001	0.011	<0.05	<0.05	<0.001	0.012	<0.001	<0.001	1.06	4.83	4.733	2.36
WSP2024d_CLOR1	13 Feb 2023	CLOR1	Normal	DU17	Former CLOR	0.009	0.025	<0.05	<0.05	<0.001	0.22	0.002	<0.001	1.78	3.107	2.849	1.98
WSP2024d_CLOR1	07 Aug 2023	CLOR1	Normal	DU17	Former CLOR	0.004	0.041	<0.005	<0.005	0.002	0.79	0.005	<0.001	3.53	6.309	5.946	3.88
WSP2024d_CMW01	26 Sep 2022	CMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.019	0.125	0.124	0.039
WSP2024d_CMW01	11 Aug 2023	CMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.005	<0.005	<0.001	0.045	<0.001	<0.001	0.073	0.731	0.72	0.137
WSP2024d_CMW02	14 Feb 2022	CMW02	Normal	DU17	Former CLOR	<0.1	<0.1	0.09	<0.5	<0.5	<0.5	<0.5	<0.5	0.28	<0.5	<0.5	0.28
WSP2024d_CMW02	26 Sep 2022	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.034	0.076	0.074	0.052
WSP2024d_CMW02	16 Feb 2023	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.166	0.272	0.262	0.185
WSP2024d_CMW02	11 Aug 2023	CMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.159	0.246	0.234	0.175
WSP2024d_CMW03	26 Sep 2022	CMW03	Normal	DU17	Former CLOR	0.012	0.047	<0.05	<0.05	0.002	5.3	0.026	<0.001	4.53	14.334	13.763	5.12
WSP2024d_CMW03	10 Aug 2023	CMW03	Normal	DU17	Former CLOR	0.006	0.043	<0.005	<0.005	0.002	0.5	0.017	<0.001	6.11	10.871	10.3	6.69
WSP2024d_CMW04	26 Sep 2022	CMW04	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0104	0.0364	0.0364	0.0274
WSP2024d_CMW04	11 Aug 2023	CMW04	Normal	DU17	Former CLOR	0.001	<0.001	<0.005	<0.005	<0.001	0.025	<0.001	<0.001	0.039	0.228	0.221	0.08
WSP2024d_CMW05	26 Sep 2022	CMW05	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.013	0.029	0.026	0.017
WSP2024d_CMW06	26 Sep 2022	CMW06	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.027	0.13	0.13	0.041
WSP2024d_CMW06	11 Aug 2023	CMW06	Normal	DU17	Former CLOR	0.002	0.002	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.026	0.122	0.107	0.039
WSP2024d_CMW07	26 Sep 2022	CMW07	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.043	0.196	0.193	0.057
WSP2024d_CMW07	10 Aug 2023	CMW07	Normal	DU17	Former CLOR	<0.001	0.002	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.033	0.065	0.062	0.037
WSP2024d_CMW08	26 Sep 2022	CMW08	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	0.016	<0.001	<0.001	0.079	0.273	0.257	0.11
WSP2024d_CMW08	10 Aug 2023	CMW08	Normal	DU17	Former CLOR	<0.001	0.002	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.082	0.243	0.233	0.106
WSP2024d_CMW09	26 Sep 2022	CMW09	Normal	DU17	Former CLOR	<0.001	0.005	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.101	1.039	1.016	0.261
WSP2024d_CMW09	10 Aug 2023	CMW09	Normal	DU17	Former CLOR	0.004	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.087	0.464	0.446	0.172
WSP2024d_CMW10	26 Sep 2022	CMW10	Normal	DU17	Former CLOR	<0.001	0.005	<0.05	<0.05	<0.001	0.008	0.002	<0.001	0.067	0.534	0.521	0.197
WSP2024d_CMW10	11 Aug 2023	CMW10	Normal	DU17	Former CLOR	0.001	0.022	<0.005	<0.005	<0.001	0.006	0.002	<0.001	0.095	0.596	0.559	0.235
WSP2024d_CMW11	26 Sep 2022	CMW11	Normal	DU17	Former CLOR	<0.1	<0.1	0.22	0.22	<0.1	2.2	<0.1	<0.1	<0.1	8.89	7.21	0.91
WSP2024d_CMW11	10 Aug 2023	CMW11	Normal	DU17	Former CLOR	0.002	0.015	<0.005	<0.005	<0.001	0.36	0.01	<0.001	0.229	2.783	2.494	0.549
WSP2024d_CMW12	26 Sep 2022	CMW12	Normal	DU17	Former CLOR	0.098	0.17	<0.05	<0.05	0.004	4.1	0.008	<0.001	4.8	15.523	13.818	5.62
WSP2024d_CMW12	10 Aug 2023	CMW12	Normal	DU17	Former CLOR	0.025	0.13	<0.005	<0.005	0.002	2.6	0.003	<0.001	5.2	14.521	13.313	5.86
WSP2024d_CMW14	26 Sep 2022	CMW14	Normal	DU17	Former CLOR	0.032	0.1	<0.05	<0.05	0.004	11	0.024	<0.001	7.9	26.496	25.104	8.71
WSP2024d_CMW14	10 Aug 2023	CMW14	Normal	DU17	Former CLOR	0.006	0.043	<0.005	<0.005	0.003	3.1	0.029	<0.001	6.63	14.888	14.412	7.23
WSP2024d_CMW15	26 Sep 2022	CMW15	Normal	DU17	Former CLOR	0.014	0.047	<0.05	<0.05	0.002	4	0.014	<0.001	3.67	11.832	11.241	4.3

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2024d_CMW15	10 Aug 2023	CMW15	Normal	DU17	Former CLOR	0.005	0.025	<0.005	<0.005	<0.001	0.49	0.014	<0.001	5.21	9.455	8.979	5.7
WSP2024d_CMW16	14 Feb 2022	CMW16	Normal	DU17	Former CLOR	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.1
WSP2024d_CMW16	16 Feb 2023	CMW16	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	0.018	0.019	<0.001	0.099	0.216	0.197	0.114
WSP2024d_CMW16	11 Aug 2023	CMW16	Normal	DU17	Former CLOR	<0.001	0.003	<0.005	<0.005	<0.001	0.027	0.017	<0.001	0.086	0.185	0.174	0.102
WSP2024d_CMW19	26 Sep 2022	CMW19	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	0.022	<0.001	<0.001	0.323	0.572	0.551	0.394
WSP2024d_CMW19	10 Aug 2023	CMW19	Normal	DU17	Former CLOR	0.002	<0.001	<0.005	<0.005	<0.001	0.055	0.002	<0.001	0.305	0.832	0.806	0.435
WSP2024d_CMW22	26 Sep 2022	CMW22	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	0.026	0.007	<0.001	0.086	0.894	0.875	0.196
WSP2024d_CMW22	11 Aug 2023	CMW22	Normal	DU17	Former CLOR	0.052	0.17	<0.005	<0.005	<0.001	0.028	<0.001	<0.001	0.074	1.11	1.009	0.126
WSP2024d_CMW29	26 Sep 2022	CMW29	Normal	DU17	Former CLOR	<0.001	0.004	<0.05	<0.05	<0.001	0.02	0.001	<0.001	0.104	0.25	0.241	0.119
WSP2024d_CMW29	11 Aug 2023	CMW29	Normal	DU17	Former CLOR	0.001	0.05	<0.005	<0.005	<0.001	0.063	0.006	<0.001	0.666	1.504	1.464	0.796
WSP2024d_CMW30	26 Sep 2022	CMW30	Normal	DU17	Former CLOR	<0.001	0.026	<0.05	<0.05	<0.001	0.34	0.002	<0.001	8.15	9.229	9.162	8.25
WSP2024d_CMW30	10 Aug 2023	CMW30	Normal	DU17	Former CLOR	<0.001	0.35	<0.005	<0.005	<0.001	0.54	<0.001	<0.001	8.33	11.392	11.21	8.47
WSP2024d_CMW31	26 Sep 2022	CMW31	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	0.01	0.017	0.002	0.044	0.101	0.086	0.052
WSP2024d_CMW31	10 Aug 2023	CMW31	Normal	DU17	Former CLOR	<0.001	0.003	<0.005	<0.005	<0.001	0.005	0.026	<0.001	0.035	0.176	0.161	0.041
WSP2024d_CMW32	26 Sep 2022	CMW32	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	0.13	0.005	<0.001	0.257	0.717	0.678	0.297
WSP2024d_CMW32	10 Aug 2023	CMW32	Normal	DU17	Former CLOR	0.01	0.079	<0.005	<0.005	0.001	0.5	0.005	<0.001	1.42	5.918	5.594	1.88
WSP2024d_OMW01	20 Sep 2022	OMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.059	0.087	0.066	0.062
WSP2024d_OMW01	01 Aug 2023	OMW01	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.061	0.105	0.077	0.064
WSP2024d_OMW02	20 Sep 2022	OMW02	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.062	0.089	0.072	0.066
WSP2024d_OMW03	20 Sep 2022	OMW03	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001
WSP2024d_OMW03	01 Aug 2023	OMW03	Normal	DU17	Former CLOR	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.5	<0.5	<0.1
WSP2024d_OMW04	20 Sep 2022	OMW04	Normal	DU17	Former CLOR	<0.001	0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.078	0.131	0.124	0.09
WSP2024d_OMW04A	01 Aug 2023	OMW04A	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.035	0.13	0.127	0.054
WSP2024d_OMW05	20 Sep 2022	OMW05	Normal	DU17	Former CLOR	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.04	0.071	0.066	0.043
WSP2024d_OMW05	01 Aug 2023	OMW05	Normal	DU17	Former CLOR	<0.001	0.006	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.06	0.097	0.092	0.068
WSP2024d_OMW06	20 Sep 2022	OMW06	Normal	DU17	Former CLOR	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0317	0.0977	0.0947	0.0427
WSP2024d_OMW06	01 Aug 2023	OMW06	Normal	DU17	Former CLOR	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0273	0.1073	0.1023	0.0363
WSP2024d_OMW09	20 Sep 2022	OMW09	Normal	DU17	Former CLOR	<0.001	0.005	<0.05	<0.05	<0.001	0.11	0.004	<0.001	0.23	5.185	2.149	0.47
WSP2024d_OMW09	01 Aug 2023	OMW09	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.038	<0.001	0.41	4.338	2.668	0.93
WSP2024d_OMW10	20 Sep 2022	OMW10	Normal	DU17	Former CLOR	0.008	0.021	<0.05	<0.05	<0.001	0.014	0.001	<0.001	0.78	1.906	1.555	0.9
WSP2024d_OMW10	01 Aug 2023	OMW10	Normal	DU17	Former CLOR	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	1.15	2.58	2.33	1.35
WSP2024d_OMW11	20 Sep 2022	OMW11	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0052	0.0082	0.0072	0.0072
WSP2024d_OMW11	01 Aug 2023	OMW11	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.004	<0.005	<0.005	0.004
WSP2024d_OMW12	20 Sep 2022	OMW12	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.12	0.281	0.267	0.157
WSP2024d_PMW10	08 Feb 2022	PMW10	Normal	DU17	Former CLOR	0.02	0.06	<0.05	<0.05	<0.01	1.6	0.02	<0.01	6.69	12.67	11.87	7.12
WSP2024d_PMW10	27 Sep 2022	PMW10	Normal	DU17	Former CLOR	0.013	0.1	<0.05	<0.05	0.003	2.6	0.025	<0.001	3.8	10.893	10.345	4.38
WSP2024d_PMW10	13 Feb 2023	PMW10	Normal	DU17	Former CLOR	0.001	0.004	<0.05	<0.05	<0.001	0.08	0.003	<0.001	0.256	0.568	0.537	0.279
WSP2024d_PMW10	07 Aug 2023	PMW10	Normal	DU17	Former CLOR	0.005	0.062	<0.005	<0.005	0.004	1	0.012	<0.001	5.7	12.468	11.294	6.35
WSP2024d_PMW30	08 Feb 2022	PMW30	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.01	0.17	0.17	0.03
WSP2024d_PMW30	27 Sep 2022	PMW30	Normal	DU17	Former CLOR	<0.001	0.008	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.091	0.983	0.973	0.175
WSP2024d_PMW30	13 Feb 2023	PMW30	Normal	DU17	Former CLOR	<0.001	0.008	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	0.101	0.501	0.484	0.173
WSP2024d_PMW30	07 Aug 2023	PMW30	Normal	DU17	Former CLOR	<0.001	<0.001	<0.005	<0.005	<0.001	0.006	0.002	<0.001	0.087	0.707	0.693	0.165
WSP2024d_PMW38	08 Feb 2022	PMW38	Normal	DU17	Former CLOR	<0.01	0.01	<0.05	<0.05	<0.01	0.1	<0.01	<0.01	1.1	1.76	1.62	1.17
WSP2024d_PMW38	27 Sep 2022	PMW38	Normal	DU17	Former CLOR	<0.001	0.01	<0.05	<0.05	<0.001	0.22	<0.001	<0.001	1.191	2.078	1.971	1.266
WSP2024d_PMW38	13 Feb 2023	PMW38	Normal	DU17	Former CLOR	0.003	0.019	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	1.19	2.422	2.228	1.34
WSP2024d_PMW38	07 Aug 2023	PMW38	Normal	DU17	Former CLOR	0.003	0.028	<0.005	<0.005	<0.001	<0.005	0.004	<0.001	0.44	2.329	2.082	0.64
WSP2024d_PMW41	08 Feb 2022	PMW41	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.03	<0.1	<0.05	0.03
WSP2024d_PMW41	27 Sep 2022	PMW41	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.044	0.103	0.084	0.065
WSP2024d_PMW41	13 Feb 2023	PMW41	Normal	DU17	Former CLOR	<0.001	0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.064	0.113	0.092	0.07
WSP2024d_PMW41	07 Aug 2023	PMW41	Normal	DU17	Former CLOR	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PMW42	08 Feb 2022	PMW42	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.1	<0.05	<0.01
WSP2024d_PMW42	27 Sep 2022	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0097	0.0237	0.0217	0.0117
WSP2024d_PMW42	13 Feb 2023	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0094	0.0324	0.0294	0.0124
WSP2024d_PMW42	07 Aug 2023	PMW42	Normal	DU17	Former CLOR	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	0.002	<0.001	0.014	0.045	0.037	0.018
WSP2024d_PMW49	08 Feb 2022	PMW49	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.01	0.11	0.11	0.02
WSP2024d_PMW49	27 Sep 2022	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	0.01	0.003	<0.001	0.135	0.272	0.265	0.15

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2024d_PMW49	13 Feb 2023	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.025	0.077	0.074	0.034
WSP2024d_PMW49	07 Aug 2023	PMW49	Normal	DU17	Former CLOR	<0.001	<0.001	<0.005	<0.005	0.001	0.31	0.004	<0.001	0.345	1.012	0.969	0.396
WSP2024d_PMW50	08 Feb 2022	PMW50	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.07	0.12	0.12	0.09
WSP2024d_PMW50	27 Sep 2022	PMW50	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.034	0.116	0.113	0.045
WSP2024d_PMW50	13 Feb 2023	PMW50	Normal	DU17	Former CLOR	<0.001	0.001	<0.05	<0.05	<0.001	<0.005	0.001	<0.001	0.029	0.083	0.078	0.038
WSP2024d_PMW50	07 Aug 2023	PMW50	Normal	DU17	Former CLOR	<0.001	0.005	<0.005	<0.005	<0.001	0.027	<0.001	<0.001	0.066	0.205	0.198	0.085
WSP2024d_PMW51	08 Feb 2022	PMW51	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.11	0.46	0.46	0.15
WSP2024d_PMW51	27 Sep 2022	PMW51	Normal	DU17	Former CLOR	0.007	0.038	<0.05	<0.05	<0.001	0.22	0.005	<0.001	0.52	2.54	2.423	0.72
WSP2024d_PMW51	13 Feb 2023	PMW51	Normal	DU17	Former CLOR	0.008	0.018	<0.05	<0.05	<0.001	0.11	0.011	<0.001	0.33	1.184	1.125	0.399
WSP2024d_PMW51	07 Aug 2023	PMW51	Normal	DU17	Former CLOR	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	0.008	<0.001	0.47	1.342	1.298	0.565
WSP2024d_PMW53	08 Feb 2022	PMW53	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.02	<0.1	<0.05	0.02
WSP2024d_PMW53	27 Sep 2022	PMW53	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.028	0.073	0.069	0.044
WSP2024d_PMW53	13 Feb 2023	PMW53	Normal	DU17	Former CLOR	<0.001	0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.075	0.131	0.122	0.093
WSP2024d_PMW53	07 Aug 2023	PMW53	Normal	DU17	Former CLOR	<0.001	0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.023	0.06	0.057	0.031
WSP2024d_PMW57	08 Feb 2022	PMW57	Normal	DU17	Former CLOR	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.11	0.23	0.18	0.12
WSP2024d_PMW57	27 Sep 2022	PMW57	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.006	<0.001	0.126	0.371	0.295	0.15
WSP2024d_PMW57	13 Feb 2023	PMW57	Normal	DU17	Former CLOR	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	0.053	0.097	0.078	0.059
WSP2024d_PMW57	07 Aug 2023	PMW57	Normal	DU17	Former CLOR	<0.001	0.002	<0.005	<0.005	<0.001	0.006	0.002	<0.001	0.048	0.142	0.105	0.058
WSP2024d_FTA-MW01	10 Feb 2022	FTA-MW01	Normal	DU17	Former Fire Training Area	<0.01	0.02	<0.05	<0.05	0.02	1.4	2.6	0.17	1.84	11.44	9.12	2.76
WSP2024d_FTA-MW01	27 Sep 2022	FTA-MW01	Normal	DU17	Former Fire Training Area	0.007	0.029	<0.05	<0.05	0.007	0.94	1.2	<0.001	2.41	13.343	10.089	3.91
WSP2024d_FTA-MW01	13 Feb 2023	FTA-MW01	Normal	DU17	Former Fire Training Area	0.008	0.03	<0.05	<0.05	0.005	<0.005	1.2	0.32	1.7	11.205	8.42	3
WSP2024d_FTA-MW01	07 Aug 2023	FTA-MW01	Normal	DU17	Former Fire Training Area	0.002	0.01	<0.005	<0.005	0.003	0.32	6.3	0.34	0.77	18.685	10.21	1.4
WSP2024d_FTA-MW02	10 Feb 2022	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.01	<0.01	<0.05	<0.05	<0.01	0.12	2.5	<0.01	0.75	14.08	12.92	2.85
WSP2024d_FTA-MW02	27 Sep 2022	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.001	0.003	<0.05	<0.05	<0.001	0.077	1.3	0.055	0.618	8.971	7.378	2.418
WSP2024d_FTA-MW02	13 Feb 2023	FTA-MW02	Normal	DU17	Former Fire Training Area	0.002	0.008	<0.05	<0.05	<0.001	0.49	4.9	0.079	0.57	14.697	13.268	2.57
WSP2024d_FTA-MW02	07 Aug 2023	FTA-MW02	Normal	DU17	Former Fire Training Area	<0.001	0.008	<0.005	<0.005	<0.001	0.22	0.74	0.012	0.86	16.39	14.498	3.96
WSP2024d_FTA-MW03	10 Feb 2022	FTA-MW03	Normal	DU17	Former Fire Training Area	0.02	0.06	<0.05	<0.05	0.02	2.2	3.2	0.06	6.42	31.79	20.35	8.82
WSP2024d_FTA-MW03	27 Sep 2022	FTA-MW03	Normal	DU17	Former Fire Training Area	0.026	0.046	<0.05	<0.05	0.022	5.3	38	0.16	6.4	61.285	54.336	8
WSP2024d_FTA-MW03	13 Feb 2023	FTA-MW03	Normal	DU17	Former Fire Training Area	0.026	0.05	<0.05	<0.05	0.027	5.5	32	0.37	3.96	54.293	47.36	5.66
WSP2024d_FTA-MW03	07 Aug 2023	FTA-MW03	Normal	DU17	Former Fire Training Area	0.02	0.058	<0.005	<0.005	0.02	1.6	2	0.094	6.56	29.648	14.388	7.76
WSP2024d_FTA-MW04	10 Feb 2022	FTA-MW04	Normal	DU17	Former Fire Training Area	0.01	0.07	<0.05	<0.05	<0.01	0.49	2.6	0.01	0.77	8.98	8.14	1.48
WSP2024d_FTA-MW04	27 Sep 2022	FTA-MW04	Normal	DU17	Former Fire Training Area	0.021	0.076	<0.05	<0.05	<0.001	4	10	0.057	1.67	25.607	24.376	3.07
WSP2024d_FTA-MW04	13 Feb 2023	FTA-MW04	Normal	DU17	Former Fire Training Area	0.016	0.05	<0.05	<0.05	<0.001	0.2	2.6	0.074	0.64	6.948	6.08	1.12
WSP2024d_FTA-MW04	07 Aug 2023	FTA-MW04	Normal	DU17	Former Fire Training Area	0.008	0.063	<0.005	<0.005	<0.001	<0.005	0.7	0.17	1.51	8.52	7.473	2.49
WSP2024d_PMW13	19 Sep 2022	PMW13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0101	0.0501	0.0481	0.0171
WSP2024d_PMW13	31 Jul 2023	PMW13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0105	0.0375	0.0335	0.0165
WSP2024d_PMW15	19 Sep 2022	PMW15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0097	0.0237	0.0227	0.0117
WSP2024d_PMW15	31 Jul 2023	PMW15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	0.044	0.108	0.106	0.051
WSP2024d_PMW20	19 Sep 2022	PMW20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.009	0.001	0.078	0.224	0.209	0.1
WSP2024d_PMW20	31 Jul 2023	PMW20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.014	0.014	<0.001	0.124	0.352	0.333	0.151
WSP2024d_PMW60	23 Sep 2022	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.016	0.086	0.08	0.028
WSP2025d_PMW60	08 Aug 2024	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.02	0.068	0.066	0.025
WSP2025i_PMW60	07 Nov 2024	PMW60	Normal	DU17	Former Fuel Refinery	<0.001	0.004	-	-	-	-	-	-	0.031	0.19	-	0.051
WSP2024d_PMW60	10 Feb 2022	PMW60	Normal	DU17	Former Fuel Refinery	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.06	0.42	0.41	0.12
WSP2024d_PP01	07 Aug 2023	PP01	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	0.002	<0.001	0.024	0.121	0.118	0.048
WSP2024d_PP01	27 Sep 2022	PP01	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.026	0.002	<0.001	0.043	0.187	0.178	0.059
WSP2024d_PP02	27 Sep 2022	PP02	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.05	<0.05	<0.001	0.057	0.005	<0.001	0.1	0.304	0.286	0.121
WSP2024d_PP02	07 Aug 2023	PP02	Normal	DU17	Former Fuel Refinery	<0.001	0.001	<0.005	<0.005	<0.001	0.027	0.005	<0.001	0.11	0.26	0.242	0.13
WSP2024d_PP03	20 Sep 2022	PP03	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	0.09	0.159	0.13	0.099
WSP2024d_PP03	01 Aug 2023	PP03	Normal	DU17	Former Fuel Refinery	0.004	<0.001	<0.05	<0.05	<0.001	0.086	0.009	<0.001	0.255	0.596	0.494	0.276
WSP2024d_PP04	20 Sep 2022	PP04	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.041	0.165	0.158	0.063
WSP2024d_PP04	01 Aug 2023	PP04	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.064	0.211	0.202	0.106
WSP2024d_PP05	01 Aug 2023	PP05	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	0.075	0.1	0.1	0.077
WSP2024d_PP05	20 Sep 2022	PP05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.05	<0.05	<0.001	0.077	0.043	<0.001	1.553	2.228	2.185	1.596
WSP2024d_PP06	04 Aug 2023	PP06	Normal	DU17	Former Fuel Refinery	0.004	0.026	<0.005	<0.005	<0.001	1.1	0.21	<0.001	3.5	8.405	8.166	4.18
WSP2024d_PP06	26 Sep 2022	PP06	Normal	DU17	Former Fuel Refinery	0.019	0.063	<0.05	<0.05	<0.001	0.98	0.25	<0.001	2.61	5.463	5.283	2.71

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2024d_PP07	20 Sep 2022	PP07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	0.001	0.004	0.074	0.046	0.011
WSP2024d_PP07	01 Aug 2023	PP07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001
WSP2024d_PP08	21 Sep 2022	PP08	Normal	DU17	Former Fuel Refinery	0.001	0.003	<0.05	<0.05	<0.001	<0.005	0.001	<0.001	0.101	0.209	0.2	0.122
WSP2024d_PP09	20 Sep 2022	PP09	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.027	0.154	0.148	0.045
WSP2024d_PP09	01 Aug 2023	PP09	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.05	<0.05	<0.001	0.007	<0.001	<0.001	0.025	0.177	0.165	0.041
WSP2024d_PP10	04 Aug 2023	PP10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.0093	0.0223	0.0203	0.0133
WSP2024d_PP10	26 Sep 2022	PP10	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.034	0.108	0.099	0.055
WSP2024d_PP11	19 Sep 2022	PP11	Normal	DU17	Former Fuel Refinery	0.022	0.11	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	1.91	2.778	2.641	2.01
WSP2024d_PP11	31 Jul 2023	PP11	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.814	1.006	0.979	0.86
WSP2024d_PP12	19 Sep 2022	PP12	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	0.002	<0.001	0.082	0.444	0.436	0.123
WSP2024d_PP12	31 Jul 2023	PP12	Normal	DU17	Former Fuel Refinery	<0.001	0.006	<0.05	<0.05	<0.001	<0.005	0.004	<0.001	0.135	0.606	0.586	0.235
WSP2024d_PP13	19 Sep 2022	PP13	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0134	0.0924	0.0914	0.0284
WSP2024d_PP13	31 Jul 2023	PP13	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.037	0.178	0.174	0.102
WSP2024d_PU01	31 Jul 2023	PU01	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.05	<0.05	<0.001	0.07	<0.001	<0.001	0.061	0.319	0.313	0.061
WSP2024d_PU01	19 Sep 2022	PU01	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.5	<0.5	<0.1
WSP2024d_PU02	31 Jul 2023	PU02	Normal	DU17	Former Fuel Refinery	<0.001	0.009	<0.05	<0.05	<0.001	0.022	0.048	<0.001	0.03	0.277	0.271	0.074
WSP2024d_PU02	19 Sep 2022	PU02	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	<0.1	<0.5	<0.5	<0.1
WSP2024d_PU03	19 Sep 2022	PU03	Normal	DU17	Former Fuel Refinery	<0.001	0.028	<0.05	<0.05	<0.001	0.015	0.04	<0.001	0.051	0.236	0.224	0.087
WSP2024d_PU03	31 Jul 2023	PU03	Normal	DU17	Former Fuel Refinery	<0.001	0.043	<0.05	<0.05	<0.001	0.033	0.071	0.002	0.077	0.56	0.542	0.177
WSP2024d_PU04	31 Jul 2023	PU04	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.012	0.008	<0.001	0.068	0.388	0.379	0.113
WSP2024d_PU04	19 Sep 2022	PU04	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.5	<0.5	<0.1	<0.5	<0.1	<0.1	0.72	1.55	1.55	0.91
WSP2024d_PU05	19 Sep 2022	PU05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.08	0.498	0.484	0.134
WSP2024d_PU05	31 Jul 2023	PU05	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.144	0.775	0.753	0.228
WSP2024d_PU06	31 Jul 2023	PU06	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.006	<0.001	<0.001	0.049	0.393	0.387	0.112
WSP2024d_PU06	19 Sep 2022	PU06	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.044	0.297	0.291	0.086
WSP2024d_PU07	19 Sep 2022	PU07	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.019	<0.001	<0.001	0.045	0.439	0.427	0.11
WSP2024d_PU07	31 Jul 2023	PU07	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.05	<0.05	<0.001	0.014	<0.001	<0.001	0.069	0.455	0.445	0.12
WSP2024d_PU08	31 Jul 2023	PU08	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.038	0.005	<0.001	0.017	0.555	0.552	0.087
WSP2024d_PU08	19 Sep 2022	PU08	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.1	0.003	<0.001	0.022	0.5	0.498	0.076
WSP2024d_PU09	31 Jul 2023	PU09	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.054	<0.001	<0.001	0.03	0.263	0.254	0.096
WSP2024d_PU09	19 Sep 2022	PU09	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.05	0.007	<0.001	0.032	0.195	0.186	0.091
WSP2024d_PU10	27 Sep 2022	PU10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.011	0.058	0.057	0.021
WSP2024d_PU10	07 Aug 2023	PU10	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	0.002	<0.001	0.032	0.087	0.083	0.04
WSP2024d_PU100	01 Aug 2023	PU100	Normal	DU17	Former Fuel Refinery	<0.001	0.008	<0.05	<0.05	<0.001	0.056	<0.001	<0.001	0.051	0.352	0.345	0.101
WSP2024d_PU101	01 Aug 2023	PU101	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.05	<0.05	<0.001	0.029	0.007	<0.001	0.04	0.401	0.392	0.088
WSP2024d_PU102	01 Aug 2023	PU102	Normal	DU17	Former Fuel Refinery	<0.001	0.009	<0.05	<0.05	<0.001	0.014	0.002	<0.001	0.041	0.582	0.575	0.127
WSP2024d_PU103	01 Aug 2023	PU103	Normal	DU17	Former Fuel Refinery	<0.001	0.012	<0.05	<0.05	<0.001	0.074	<0.001	<0.001	0.029	0.353	0.348	0.061
WSP2024d_PU104	01 Aug 2023	PU104	Normal	DU17	Former Fuel Refinery	<0.001	0.021	<0.05	<0.05	<0.001	0.079	<0.001	<0.001	0.081	0.592	0.578	0.191
WSP2024d_PU105	01 Aug 2023	PU105	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.024	0.122	0.119	0.037
WSP2024d_PU108	01 Aug 2023	PU108	Normal	DU17	Former Fuel Refinery	<0.001	0.008	<0.05	<0.05	<0.001	0.024	0.005	<0.001	0.072	0.423	0.414	0.149
WSP2024d_PU109	01 Aug 2023	PU109	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.05	<0.05	<0.001	0.015	0.002	<0.001	0.049	0.319	0.308	0.104
WSP2024d_PU11	27 Sep 2022	PU11	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.05	<0.05	<0.001	0.016	0.008	<0.001	0.063	0.355	0.322	0.099
WSP2024d_PU11	07 Aug 2023	PU11	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.005	<0.005	<0.001	0.03	0.015	<0.001	0.099	0.733	0.694	0.152
WSP2024d_PU110	01 Aug 2023	PU110	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.067	0.622	0.611	0.177
WSP2024d_PU111	01 Aug 2023	PU111	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	0.07	0.374	0.363	0.17
WSP2024d_PU12	27 Sep 2022	PU12	Normal	DU17	Former Fuel Refinery	<0.001	0.001	<0.05	<0.05	<0.001	0.11	0.003	<0.001	0.066	0.684	0.667	0.112
WSP2024d_PU12	07 Aug 2023	PU12	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	0.073	0.003	<0.001	0.057	0.665	0.653	0.099
WSP2024d_PU13	27 Sep 2022	PU13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0096	0.0496	0.0466	0.0206
WSP2024d_PU13	07 Aug 2023	PU13	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.013	0.026	0.026	0.018
WSP2024d_PU14	07 Aug 2023	PU14	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.0041	0.0681	0.0591	0.0101
WSP2024d_PU14	27 Sep 2022	PU14	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0034	0.0284	0.0114	0.0044
WSP2024d_PU15	07 Aug 2023	PU15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	0.001	<0.001	0.023	0.14	0.137	0.033
WSP2024d_PU15	27 Sep 2022	PU15	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.014	<0.001	<0.001	0.025	0.374	0.367	0.052
WSP2024d_PU16	04 Aug 2023	PU16	Normal	DU17	Former Fuel Refinery	<0.001	0.005	<0.005	<0.005	<0.001	0.041	0.036	<0.001	0.702	1.328	1.287	0.747
WSP2024d_PU16	21 Sep 2022	PU16	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.06	<0.05	<0.001	1.02	2.046	1.426	1.047
WSP2024d_PU17	21 Sep 2022	PU17	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.017	<0.001	<0.001	0.021	0.156	0.156	0.052

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2024d_PU18	21 Sep 2022	PU18	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.009	<0.001	<0.001	0.0135	0.1245	0.1205	0.0385
WSP2024d_PU19	21 Sep 2022	PU19	Normal	DU17	Former Fuel Refinery	<0.001	0.004	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0079	0.0719	0.0519	0.0189
WSP2024d_PU20	21 Sep 2022	PU20	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0122	0.1022	0.1002	0.0232
WSP2024d_PU21	04 Aug 2023	PU21	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.005	<0.005	<0.001	<0.005	0.007	<0.001	0.196	0.655	0.646	0.336
WSP2024d_PU21	21 Sep 2022	PU21	Normal	DU17	Former Fuel Refinery	<0.001	0.001	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	0.2	0.277	0.271	0.222
WSP2024d_PU22	21 Sep 2022	PU22	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.0018	<0.005	<0.005	0.0018
WSP2024d_PU22	04 Aug 2023	PU22	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	0.014	0.04	0.04	0.017
WSP2024d_PU23	04 Aug 2023	PU23	Normal	DU17	Former Fuel Refinery	<0.001	0.017	<0.005	<0.005	<0.001	2.2	0.012	<0.001	0.236	3.769	3.761	0.282
WSP2024d_PU23	26 Sep 2022	PU23	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	2.8	<0.1	<0.1	0.32	6.24	5.65	0.6
WSP2024d_PU24	26 Sep 2022	PU24	Normal	DU17	Former Fuel Refinery	<0.001	0.053	<0.05	<0.05	<0.001	0.051	0.019	<0.001	0.256	0.963	0.911	0.305
WSP2024d_PU24	04 Aug 2023	PU24	Normal	DU17	Former Fuel Refinery	0.005	0.085	<0.005	<0.005	<0.001	0.46	0.045	<0.001	0.89	3.369	3.24	1.02
WSP2024d_PU25	04 Aug 2023	PU25	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	0.015	<0.001	<0.001	0.055	0.385	0.377	0.092
WSP2024d_PU25	26 Sep 2022	PU25	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	0.32	<0.1	<0.1	0.55	1.74	1.74	0.71
WSP2024d_PU26	04 Aug 2023	PU26	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	0.3	<0.001	<0.001	0.085	0.839	0.807	0.085
WSP2024d_PU26	26 Sep 2022	PU26	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	0.23	<0.1	<0.1	0.51	1.36	1.36	0.67
WSP2024d_PU27	04 Aug 2023	PU27	Normal	DU17	Former Fuel Refinery	0.01	0.012	<0.005	<0.005	<0.001	0.033	<0.001	<0.001	0.0076	0.3596	0.3466	0.0366
WSP2024d_PU27	26 Sep 2022	PU27	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.037	<0.001	<0.001	0.0142	0.4692	0.4692	0.0412
WSP2024d_PU28	26 Sep 2022	PU28	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	0.22	0.15	<0.1	0.4	1.4	1.4	0.57
WSP2024d_PU28	04 Aug 2023	PU28	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
WSP2024d_PU29	04 Aug 2023	PU29	Normal	DU17	Former Fuel Refinery	0.004	0.013	<0.005	<0.005	<0.001	<0.005	0.023	<0.001	3.098	8.477	8.314	4.398
WSP2024d_PU29	26 Sep 2022	PU29	Normal	DU17	Former Fuel Refinery	0.005	0.046	<0.05	<0.05	<0.001	1.1	0.012	<0.001	0.85	4.703	4.578	1.03
WSP2024d_PU30	27 Sep 2022	PU30	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.009	0.004	<0.001	0.042	0.119	0.111	0.05
WSP2024d_PU30	07 Aug 2023	PU30	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	0.04	0.011	<0.001	0.09	0.479	0.453	0.134
WSP2024d_PU59	19 Sep 2022	PU59	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.046	0.028	<0.001	0.051	0.525	0.511	0.133
WSP2024d_PU59	31 Jul 2023	PU59	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.05	<0.05	<0.001	0.084	0.029	0.002	0.098	0.658	0.638	0.208
WSP2024d_PU60	19 Sep 2022	PU60	Normal	DU17	Former Fuel Refinery	<0.001	0.011	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	0.033	0.31	0.3	0.065
WSP2024d_PU60	31 Jul 2023	PU60	Normal	DU17	Former Fuel Refinery	<0.001	0.014	<0.05	<0.05	<0.001	0.02	0.012	<0.001	0.083	0.503	0.49	0.163
WSP2024d_PU61	19 Sep 2022	PU61	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.029	0.066	0.062	0.037
WSP2024d_PU61	31 Jul 2023	PU61	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	0.01	<0.001	0.078	0.263	0.252	0.142
WSP2024d_PU62	26 Sep 2022	PU62	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.023	0.009	<0.001	0.031	0.123	0.12	0.06
WSP2024d_PU62	04 Aug 2023	PU62	Normal	DU17	Former Fuel Refinery	<0.001	0.012	<0.005	<0.005	<0.001	0.022	0.001	<0.001	0.039	0.3	0.287	0.098
WSP2024d_PU63	04 Aug 2023	PU63	Normal	DU17	Former Fuel Refinery	<0.001	0.017	<0.005	<0.005	<0.001	0.043	0.003	<0.001	0.039	0.92	0.916	0.083
WSP2024d_PU63	26 Sep 2022	PU63	Normal	DU17	Former Fuel Refinery	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.85	0.32	0.32
WSP2024d_PU64	04 Aug 2023	PU64	Normal	DU17	Former Fuel Refinery	0.001	0.008	<0.005	<0.005	<0.001	0.29	0.018	<0.001	0.195	0.845	0.811	0.24
WSP2024d_PU64	26 Sep 2022	PU64	Normal	DU17	Former Fuel Refinery	0.023	0.05	<0.05	<0.05	<0.001	0.073	0.044	<0.001	0.37	1.166	1.084	0.418
WSP2024d_PU78	26 Sep 2022	PU78	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.013	<0.001	<0.001	0.017	0.499	0.495	0.04
WSP2024d_PU78	04 Aug 2023	PU78	Normal	DU17	Former Fuel Refinery	<0.001	0.019	<0.005	<0.005	<0.001	0.016	0.004	<0.001	0.045	0.735	0.721	0.089
WSP2024d_PU79	04 Aug 2023	PU79	Normal	DU17	Former Fuel Refinery	<0.001	0.007	<0.005	<0.005	<0.001	0.055	0.005	<0.001	0.0193	1.6973	1.6863	0.1293
WSP2024d_PU79	26 Sep 2022	PU79	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.078	0.016	<0.001	0.046	2.379	2.36	0.206
WSP2024d_PU80	04 Aug 2023	PU80	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.005	<0.005	<0.001	0.068	0.011	<0.001	0.022	1.957	1.943	0.152
WSP2024d_PU80	26 Sep 2022	PU80	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.081	0.012	<0.001	0.037	2.293	2.28	0.147
WSP2024d_PU81	04 Aug 2023	PU81	Normal	DU17	Former Fuel Refinery	<0.001	0.005	<0.005	<0.005	<0.001	0.007	0.001	<0.001	0.028	0.186	0.176	0.051
WSP2024d_PU81	26 Sep 2022	PU81	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.033	0.076	0.069	0.054
WSP2024d_PU82	26 Sep 2022	PU82	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.005	0.012	0.001	0.056	0.121	0.097	0.067
WSP2024d_PU82	04 Aug 2023	PU82	Normal	DU17	Former Fuel Refinery	0.001	0.003	<0.005	<0.005	<0.001	0.029	0.006	<0.001	0.34	1.621	1.566	0.438
WSP2024d_PU83	26 Sep 2022	PU83	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	0.009	0.006	<0.001	0.074	0.349	0.334	0.126
WSP2024d_PU83	04 Aug 2023	PU83	Normal	DU17	Former Fuel Refinery	<0.001	0.01	<0.005	<0.005	<0.001	0.048	0.027	<0.001	0.117	0.812	0.792	0.203
WSP2024d_PU84	26 Sep 2022	PU84	Normal	DU17	Former Fuel Refinery	0.007	0.062	<0.05	<0.05	<0.001	1.1	0.031	<0.001	1.31	5.007	4.803	1.48
WSP2024d_PU85	26 Sep 2022	PU85	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.003	<0.001	0.083	0.26	0.252	0.091
WSP2024d_PU85	04 Aug 2023	PU85	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.005	<0.005	<0.001	0.043	0.003	<0.001	0.084	0.317	0.312	0.095
WSP2024d_PU86	04 Aug 2023	PU86	Normal	DU17	Former Fuel Refinery	<0.001	0.006	<0.005	<0.005	<0.001	1	0.006	<0.001	0.84	4.438	4.382	1.14
WSP2024d_PU86	26 Sep 2022	PU86	Normal	DU17	Former Fuel Refinery	<0.001	0.005	<0.05	<0.05	0.002	0.63	0.004	<0.001	0.336	3.875	3.845	0.496
WSP2024d_PU87	04 Aug 2023	PU87	Normal	DU17	Former Fuel Refinery	<0.001	0.002	<0.005	<0.005	<0.001	<0.005	0.004	<0.001	0.0113	0.0313	0.0293	0.0143
WSP2024d_PU89	27 Sep 2022	PU89	Normal	DU17	Former Fuel Refinery	0.001	0.013	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.28	3.101	3.063	0.73
WSP2024d_PU89	07 Aug 2023	PU89	Normal	DU17	Former Fuel Refinery	<0.001	0.003	<0.005	<0.005	<0.001	<0.005	0.001	<0.001	0.143	1.06	1.008	0.543
WSP2024d_PU90	07 Aug 2023	PU90	Normal	DU17	Former Fuel Refinery	<0.001	0.001	<0.005	<0.005	<0.001	0.011	0.003	<0.001	0.042	0.273	0.26	0.067

Table T03b - Groundwater Analytical Results

						Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutane sulfonic acid (PFBS)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum PFHxS and PFOS	Sum of PFAS	Sum of WA DWER PFAS (n=10)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)
						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL						0.002 - 0.02	0.001	0.0005 - 0.02	0.0005 - 0.02	0.001 - 0.05	0.005	0.001	0.001 - 0.05	0.001	0.005	0.0002 - 0.01	0.001
PFAS NEMP 2025 Recreational water quality guideline														2			
Location Code	Date	Field ID	Sample Type	Location Purpose	Monitoring Zone												
WSP2024d_PU90	27 Sep 2022	PU90	Normal	DU17	Former Fuel Refinery	<0.001	0.008	<0.05	<0.05	<0.001	0.47	0.006	<0.001	0.062	1.08	1.069	0.097
WSP2024d_PU91	07 Aug 2023	PU91	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.005	<0.005	<0.001	0.046	0.003	<0.001	0.04	0.198	0.196	0.047
WSP2024d_PU91	27 Sep 2022	PU91	Normal	DU17	Former Fuel Refinery	<0.001	<0.001	<0.05	<0.05	<0.001	<0.005	0.004	<0.001	0.044	0.059	0.057	0.047
WSP2024d_PU99	01 Aug 2023	PU99	Normal	DU17	Former Fuel Refinery	<0.001	0.012	<0.05	<0.05	<0.001	0.69	0.012	<0.001	0.059	1.006	0.998	0.119
WSP2024d_BW01	21 Sep 2022	BW01	Normal	DU17	Former Jet Fuel Area	<0.001	<0.001	<0.05	<0.05	<0.001	0.009	0.39	<0.001	0.073	0.701	0.663	0.125
WSP2024d_BW01	08 Aug 2023	BW01	Normal	DU17	Former Jet Fuel Area	0.004	0.001	<0.005	<0.005	<0.001	0.14	0.036	<0.001	0.1	0.559	0.52	0.153
WSP2024d_BW01	14 Feb 2022	BW01	Normal	DU17	Former Jet Fuel Area	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.1
WSP2024d_PMW08	10 Feb 2022	PMW08	Normal	DU17	Landfarm Area	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	<0.01	<0.1	<0.05	<0.01
WSP2024d_PMW08	23 Sep 2022	PMW08	Normal	DU17	Landfarm Area	<0.001	0.002	<0.05	<0.05	<0.001	<0.005	<0.001	<0.001	0.027	0.122	0.094	0.046
WSP2025d_PMW08	08 Aug 2024	PMW08	Normal	DU17	Landfarm Area	<0.001	<0.001	<0.005	<0.005	<0.001	0.009	<0.001	<0.001	0.043	0.074	0.071	0.048
WSP2025i_PMW08	07 Nov 2024	PMW08	Normal	DU17	Landfarm Area	<0.001	<0.001	-	-	-	-	-	-	0.006	0.01	-	0.007
WSP2024d_PMW33	10 Feb 2022	PMW33	Normal	DU17	Landfarm Area	<0.01	<0.01	<0.05	<0.05	<0.01	<0.05	<0.01	<0.01	0.11	0.21	0.21	0.14
WSP2024d_PMW33	23 Sep 2022	PMW33	Normal	DU17	Landfarm Area	<0.001	<0.001	<0.05	<0.05	<0.001	0.057	<0.001	<0.001	3.351	3.559	3.533	3.394
WSP2025d_PMW33	08 Aug 2024	PMW33	Normal	DU17	Landfarm Area	<0.001	0.023	<0.005	<0.005	<0.001	0.10	0.004	<0.001	0.9	1.802	1.753	1
WSP2025i_PMW33	07 Nov 2024	PMW33	Normal	DU17	Landfarm Area	<0.001	0.009	-	-	-	-	-	-	0.844	1.229	-	0.899
WSP2024d_PMW64	27 Sep 2022	PMW64	Normal	DU17	RPIP Mountain	0.001	0.005	<0.05	<0.05	<0.001	0.17	<0.001	<0.001	0.202	0.618	0.591	0.234
WSP2024d_PMW64	07 Aug 2023	PMW64	Normal	DU17	RPIP Mountain	<0.001	0.01	<0.005	<0.005	<0.001	<0.005	0.006	<0.001	0.744	1.81	1.666	0.914

Comments
#1 Individual compounds have been assessed through the sum of PFOS+PFHxS
#2 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
HEPA, March 2025, PFAS NEMP 2025 Recreational water quality guideline

T04 Soil Vapour Analytical Results

								Total Recoverable Hydrocarbons				Total Petroleum Hydrocarbons		
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	Exceedance Flagged	C10-C14 fraction	Benzene	Toluene
								µg/m3	µg/m3	µg/m3		µg/m3	µg/m3	µg/m3
EQL								4	4	4		4	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand									480,000 | 3,800,000 | 7,000,000 | 15,000,000 | 61,000,000[a]	500,000 | 2,400,000 | NL | NL [a]			4,000 | 10,000 | 30,000 | 65,000 | 130,000	4,000,000 | 16,000,000 | 38,000,000 | 84,000,000 | NL
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs														
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03	170	170	<4	0	<4	<2	<2
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03	460	439	2,100	0	2,100	15	6
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03	58	58	48	0	48	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03	59	59	34	0	34	<2	<2
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17	1,200	1,200	350	0	350	-	3.1
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03	7,200	7,102	2,200	0	2,200	<2	<2
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03	<4	<4	<4	0	<4	<2	<2
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03	1,100	1,057	960	0	960	21	11
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03	1,000	1,000	4,400	0	4,400	<2	<2
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03	<4	<4	<4	0	<4	<2	<2
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03	<4	<4	<4	0	<4	<2	<2
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03	1,600	1,600	370	0	370	<2	<2
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03	64	64	33	0	33	<2	<2
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17	1,600	1,600	500	0	500	3.5	4
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17	1,900	1,900	480	0	480	3.8	3.9
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03	1,400	1,400	<4	0	<4	<2	<2
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03	520	520	<4	0	<4	<2	<2
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03	460	460	2,200	0	2,200	<2	<2
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03	260	260	1,200	0	1,200	<2	<2
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03	<4	<4	<4	0	<4	<2	<2
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03	<4	<4	<4	0	<4	<2	<2
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03	190	190	150	0	150	<2	15
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03	170	170	70	0	70	<2	21
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17	1,600	1,600	530	0	530	-	-
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03	330	330	<8	0	<8	<2	<2
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03	210	210	<8	0	<8	<2	<2
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03	930	925	5,100	0	5,100	<2	5
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03	1,000	260	<4	0	<4	<2	740
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03	<4	<4	<4	0	<4	<2	<2
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03	<4	<4	<4	0	<4	<2	<2
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03	100	100	150	0	150	<2	<2
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03	140	140	130	0	130	<2	<2
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17	1,300	1,300	390	0	390	-	2.5
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03	32	32	19	0	19	<2	<2
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17	1,800	1,800	570	0	570	-	4.7
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03	12	12	14	0	14	<2	<2
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03	45	45	28	0	28	<2	<2
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17	1,500	1,500	490	0	490	-	4.9
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17	3,419	3,400	2,600	0	2,607	2	7
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17	21,019,000	21,000,000	76,000	1	76,000	<40	9,200
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17	22,000,000	22,000,000	14,000	1	14,000	<100	38,000
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17	970	965.2	890	0	890	4.8	-
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17	33,000,000	32,999,880	43,000	1	43,000	120	7,800
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17	1,300	1,300	1,400	0	1,400	-	2.2
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17	44,000,000	44,000,000	90,000	1	90,000	380	14,000
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17	1,900	1,900	660	0	660	-	2.7
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17	1,100	1,096.9	380	0	380	3.1	-
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17	1,800	1,800	1,200	0	1,200	-	-
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	52,000,000	51,690,000	32,000	1	32,000	310,000	290,000
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	28,000,000	28,000,000	2,200	1	2,200	190,000	36,000
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	43,000,000	42,999,400	2,000	1	2,000	600	9,900
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17	26,000,000	26,000,000	28,000	1	28,000	580	3,900
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17	45	45	11	0	11	-	-

T04 Soil Vapour Analytical Results

								Total Recoverable Hydrocarbons				Total Petroleum Hydrocarbons		
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	Exceedance Flagged	C10-C14 fraction	Benzene	Toluene
								µg/m3	µg/m3	µg/m3		µg/m3	µg/m3	µg/m3
EQL								4	4	4		4	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand									480,000 | 3,800,000 | 7,900,000 | 15,000,000 | 61,000,000[a]	500,000 | 2,400,000 | NL | NL [a]			4,000 | 10,000 | 30,000 | 65,000 | 130,000	4,000,000 | 16,000,000 | 38,000,000 | 84,000,000 | NL
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs														
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025fSPU24_SVB02	**SVB02**	**0.9**	**08 Oct 2024**	**SPU24_SVB02**	**Normal**	**DU10**	**DU17**	220	217.4	220	0	220	2.6	3.2
WSP2025fSPU24_SVB03	**SVB03**	**0.8**	**08 Oct 2024**	**SPU24_SVB03**	**Normal**	**DU10**	**DU17**	1,000	996.5	190	0	190	3.5	-
WSP2025fSPU24_SVB04	**SVB04**	**0.8**	**08 Oct 2024**	**SPU24_SVB04**	**Normal**	**DU10**	**DU17**	4,100	4,090	2,900	0	2,900	10	-
WSP2025fSPU24_SVB05	**SVB05**	**0.8**	**08 Oct 2024**	**SPU24_SVB05**	**Normal**	**DU10**	**DU17**	140	140	42	0	42	-	-
WSP2025fSPU24_SVB06	**SVB06**	**0.8**	**08 Oct 2024**	**SPU24_SVB06**	**Normal**	**DU10**	**DU17**	800	791.2	290	0	290	8.8	5.5
WSP2025fSPU24_SVB07	**SVB07**	**0.7**	**08 Oct 2024**	**SPU24_SVB07**	**Normal**	**DU10**	**DU17**	390	387.9	620	0	620	2.1	-
WSP2025fSPU24_SVB08	**SVB08**	**0.9**	**08 Oct 2024**	**SPU24_SVB08**	**Normal**	**DU10**	**DU17**	800	791.2	290	0	290	8.8	5.5
WSP2025fSPU24_SVB09	**SVB09**	**0.7**	**08 Oct 2024**	**SPU24_SVB09**	**Normal**	**DU10**	**DU17**	680	680	240	0	240	-	-
WSP2025fSPU24_SVB10	**SVB10**	**0.7**	**08 Oct 2024**	**SPU24_SVB10**	**Normal**	**DU10**	**DU17**	770,000	770,000	39,000	1	39,000	<20	<20
WSP2025fSPU24_SVB11	**SVB11**	**0.7**	**08 Oct 2024**	**SPU24_SVB11**	**Normal**	**DU10**	**DU17**	830	830	38,000	0	38,000	<40	<40
WSP2025fSPU24_SVB12	**SVB12**	**0.8**	**08 Oct 2024**	**SPU24_SVB12**	**Normal**	**DU10**	**DU17**	190	190	47	0	47	-	-
WSP2025fSPU24_SVB13	**SVB13**	**0.8**	**08 Oct 2024**	**SPU24_SVB13**	**Normal**	**DU10**	**DU17**	870	867.6	140	0	140	2.4	92
WSP2025fSPU24_SVB14	**SVB14**	**0.8**	**08 Oct 2024**	**SPU24_SVB14**	**Normal**	**DU10**	**DU17**	210	210	22	0	22	-	-
WSP2025fSPU24_SVB15	**SVB15**	**0.7**	**08 Oct 2024**	**SPU24_SVB15**	**Normal**	**DU10**	**DU17**	200	200	25	0	25	-	-
WSP2025fSPU24_SVB16	**SVB16**	**0.7**	**08 Oct 2024**	**SPU24_SVB16**	**Normal**	**DU10**	**DU17**	31	28.8	9.7	0	9.7	2.2	-
WSP2025fSPU24_SVB17	**SVB17**	**0.7**	**08 Oct 2024**	**SPU24_SVB17**	**Normal**	**DU10**	**DU17**	200	200	170	0	170	-	-
WSP2025fSPU24_SVB18	**SVB18**	**0.7**	**08 Oct 2024**	**SPU24_SVB18**	**Normal**	**DU10**	**DU17**	140	137.5	13	0	13	2.5	-
WSP2025fSPU24_SVB19	**SVB19**	**0.7**	**09 Oct 2024**	**SPU24_SVB19**	**Normal**	**DU10**	**DU17**	300	297.8	250	0	250	2.2	-
WSP2025fSPU24_SVB20	**SVB20**	**0.8**	**09 Oct 2024**	**SPU24_SVB20**	**Normal**	**DU10**	**DU17**	8,300	8,295.4	880	0	880	4.6	5
WSP2025fSPU24_SVB21	**SVB21**	**0.8**	**09 Oct 2024**	**SPU24_SVB21**	**Normal**	**DU10**	**DU17**	82,000	82,000	12,000	0	12,000	-	-
WSP2025fSPU24_SVB22	**SVB22**	**0.8**	**09 Oct 2024**	**SPU24_SVB22**	**Normal**	**DU10**	**DU17**	120,000	120,000	4,500	0	4,500	-	9.1
WSP2025fSPU24_SVB23	**SVB23**	**0.8**	**09 Oct 2024**	**SPU24_SVB23**	**Normal**	**DU10**	**DU17**	490	490	260	0	260	-	-
WSP2025fSPU24_SVB24	**SVB24**	**0.8**	**09 Oct 2024**	**SPU24_SVB24**	**Normal**	**DU10**	**DU17**	1,200	1,197.7	85	0	85	2.3	-
WSP2025fSPU24_SVB25	**SVB25**	**0.7**	**09 Oct 2024**	**SPU24_SVB25**	**Normal**	**DU10**	**DU17**	460	460	260	0	260	-	-
WSP2025fSPU24_SVB26	**SVB26**	**0.8**	**09 Oct 2024**	**SPU24_SVB26**	**Normal**	**DU10**	**DU17**	1,800,000	1,800,000	38,000	1	38,000	<20	1,200
WSP2025fSPU24_SVB27	**SVB27**	**0.8**	**09 Oct 2024**	**SPU24_SVB27**	**Normal**	**DU10**	**DU17**	3,200,000	3,200,000	140	1	140	<20	490
WSP2025fSPU24_SVB28	**SVB28**	**0.7**	**09 Oct 2024**	**SPU24_SVB28**	**Normal**	**DU10**	**DU17**	250	250	560	0	560	-	-
WSP2025fSPU24_SVB29	**SVB29**	**0.8**	**08 Oct 2024**	**SPU24_SVB29**	**Normal**	**DU10**	**DU17**	190	187.5	120	0	120	2.5	-
WSP2025fSPU24_SVB30	**SVB30**	**0.8**	**09 Oct 2024**	**SPU24_SVB30**	**Normal**	**DU10**	**DU17**	560	560	610	0	610	-	2.8
WSP2025fSPU24_SVB31	**SVB31**	**0.75**	**09 Oct 2024**	**SPU24_SVB31**	**Normal**	**DU10**	**DU17**	1,200	1,200	390	0	390	-	3.1
WSP2025fSPU24_SVB32	**SVB32**	**0.45**	**09 Oct 2024**	**SPU24_SVB32**	**Normal**	**DU10**	**DU17**	4,900	4,896.3	710	0	710	3.7	-
WSP2025fSPU24_SVB33	**SVB33**	**0.45**	**09 Oct 2024**	**SPU24_SVB33**	**Normal**	**DU10**	**DU17**	8,900	8,883	490	0	490	17	3.9
WSP2025fSPU24_SVB34	**SVB34**	**0.8**	**10 Oct 2024**	**SPU24_SVB34**	**Normal**	**DU10**	**DU17**	940	940	670	0	670	-	-
WSP2025fSPU24_SVB35	**SVB35**	**0.8**	**09 Oct 2024**	**SPU24_SVB35**	**Normal**	**DU10**	**DU17**	510,000	510,000	20,000	0	20,000	<20	3,800
WSP2025fSPU24_SVB36	**SVB36**	**0.8**	**10 Oct 2024**	**SPU24_SVB36**	**Normal**	**DU10**	**DU17**	13,000,000	12,998,900	32,000	1	32,000	1,100	5,700
WSP2025fSPU24_SVB37	**SVB37**	**0.8**	**10 Oct 2024**	**SPU24_SVB37**	**Normal**	**DU10**	**DU17**	15,000,000	14,999,840	29,000	1	29,000	160	10,000
WSP2025fSPU24_SVB38	**SVB38**	**0.8**	**10 Oct 2024**	**SPU24_SVB38**	**Normal**	**DU10**	**DU17**	640	637.4	450	0	450	2.6	-
WSP2025fSPU24_SVB39	**SVB39**	**0.8**	**10 Oct 2024**	**SPU24_SVB39**	**Normal**	**DU10**	**DU17**	370	370	360	0	360	-	-
WSP2025fSPU24_SVB40	**SVB40**	**0.8**	**10 Oct 2024**	**SPU24_SVB40**	**Normal**	**DU10**	**DU17**	800	797.3	1,600	0	1,600	2.7	-
WSP2025fSPU24_SVB41	**SVB41**	**0.8**	**10 Oct 2024**	**SPU24_SVB41**	**Normal**	**DU10**	**DU17**	2,100,000	2,100,000	4,700	1	4,700	<20	90
WSP2025fSPU24_SVB42	**SVB42**	**0.8**	**10 Oct 2024**	**SPU24_SVB42**	**Normal**	**DU10**	**DU17**	4,300,000	4,300,000	350	1	350	<20	100
WSP2025fSPU24_SVB43	**SVB43**	**0.8**	**10 Oct 2024**	**SPU24_SVB43**	**Normal**	**DU10**	**DU17**	5,000,000	5,000,000	450	1	450	<20	130
WSP2025fSPU24_SVB44	**SVB44**	**0.8**	**10 Oct 2024**	**SPU24_SVB44**	**Normal**	**DU10**	**DU17**	3,100,000	3,100,000	240	1	240	<20	<20
WSP2025fSPU24_SVB45	**SVB45**	**0.75**	**10 Oct 2024**	**SPU24_SVB45**	**Normal**	**DU10**	**DU17**	4,800,000	4,800,000	790	1	790	<20	180
WSP2025fSPU24_SVB46	**SVB46**	**0.8**	**10 Oct 2024**	**SPU24_SVB46**	**Normal**	**DU10**	**DU17**	3,900,000	3,900,000	6,300	1	6,300	<20	93
WSP2025fSPU24_SVB47	**SVB47**	**0.8**	**10 Oct 2024**	**SPU24_SVB47**	**Normal**	**DU10**	**DU17**	120,000	120,000	<40	0	<40	<20	<20
WSP2025fSPU24_SVB48	**SVB48**	**0.8**	**10 Oct 2024**	**SPU24_SVB48**	**Normal**	**DU10**	**DU17**	1,600	1,597.4	1,000	0	1,000	2.6	4.5
WSP2024a_SV207	**SV207**	**1**	**13 Nov 2023**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	993	980	1,500	0	1,502	2	6
WSP2024e_SV207	**SV207**	**1**	**09 May 2024**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	1,800	1,800	870	0	870	-	3.8
WSP2025fSV207	**SV207**	**1**	**11 Oct 2024**	**SV207**	**Normal**	**DU11**	**DU17**	620	620	52	0	52	-	-
WSP2025e_SV207	**SV207**	**1**	**05 Nov 2024**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	1,100	1,100	1,200	0	1,200	-	3.5
WSP2024a_SV208	**SV208**	**1**	**13 Nov 2023**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	22,108	22,000	24,000	0	24,006	66	18
WSP2024e_SV208	**SV208**	**1**	**09 May 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	4,600	4,600	1,500	0	1,500	30	6.2

T04 Soil Vapour Analytical Results

								Total Recoverable Hydrocarbons				Total Petroleum Hydrocarbons		
								C6-C10 fraction	C6-C10 fraction (minus BTEX)(F1)	>C10-C16 (minus Naphthalene)(F2)	Exceedance Flagged	C10-C14 fraction	Benzene	Toluene
								µg/m3	µg/m3	µg/m3		µg/m3	µg/m3	µg/m3
EQL								4	4	4		4	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand									480,000 | 3,800,000 | 7,000,000 | 15,000,000 | 61,000,000[#1]	500,000 | 2,400,000 | NL | NL [#2]			4,000 | 10,000 | 30,000 | 65,000 | 130,000	4,000,000 | 16,000,000 | 38,000,000 | 84,000,000 | NL
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs														
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**							
WSP2025fSV208	**SV208**	**1**	**11 Oct 2024**	**SV208**	**Normal**	**DU11**	**DU17**	3,400	3,348	100	0	100	52	8.1
WSP2025e_ SV208	**SV208**	**1**	**05 Nov 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	13,000	13,000	17,000	0	17,000	96	7.6
WSP2024e_SV217	**SV217**	**1.5**	**09 May 2024**	**SV217**	**Normal**	**DU11**	**DU17**	2,100	2,100	620	0	620	-	4.4
WSP2025e_SV217	**SV217**	**1.5**	**05 Nov 2024**	**SV217_1.5**	**Normal**	**DU11**	**DU17**	1,500	1,500	1,200	0	1,200	-	3.8
WSP2025fOG24_SVB49	**SVB49**	**0.8**	**11 Oct 2024**	**SPU24_SVB49**	**Normal**	**DU11**	**DU17**	170,000	169,992.7	130	0	130	7.3	7.5
WSP2025fOG24_SVB50	**SVB50**	**0.8**	**10 Oct 2024**	**SPU24_SVB50**	**Normal**	**DU11**	**DU17**	830	827.6	610	0	610	2.4	3.7
WSP2025fOG24_SVB51	**SVB51**	**0.8**	**10 Oct 2024**	**SPU24_SVB51**	**Normal**	**DU11**	**DU17**	560	560	470	0	470	-	-
WSP2025fOG24_SVB52	**SVB52**	**0.8**	**11 Oct 2024**	**SPU24_SVB52**	**Normal**	**DU11**	**DU17**	1,100	1,100	690	0	690	-	3.9
WSP2025fOG24_SVB53	**SVB53**	**0.8**	**11 Oct 2024**	**SPU24_SVB53**	**Normal**	**DU11**	**DU17**	580	580	1,500	0	1,500	-	4.1
WSP2025fOG24_SVB54	**SVB54**	**0.8**	**11 Oct 2024**	**SPU24_SVB54**	**Normal**	**DU11**	**DU17**	1,400	1,400	670	0	670	-	5.2
WSP2025fOG24_SVB55	**SVB55**	**0.8**	**11 Oct 2024**	**SPU24_SVB55**	**Normal**	**DU11**	**DU17**	360	360	700	0	700	-	-
WSP2025fOG24_SVB56	**SVB56**	**0.8**	**11 Oct 2024**	**SPU24_SVB56**	**Normal**	**DU11**	**DU17**	870	866.6	600	0	600	3.4	5.3
WSP2024e_SV218	**SV218**	**1.3**	**09 May 2024**	**SV218**	**Normal**	**DU12**	**DU17**	2,600	2,600	900	0	900	-	-
WSP2025e_SV218	**SV218**	**1.3**	**05 Nov 2024**	**SV218_1.3**	**Normal**	**DU12**	**DU17**	1,400	1,400	1,400	0	1,400	-	7.4
WSP2024e_SV221	**SV221**	**1.4**	**09 May 2024**	**SV221**	**Normal**	**DU12**	**DU17**	32,000	32,000	1,500	0	1,500	100	380
WSP2025e_SV221	**SV221**	**1.4**	**05 Nov 2024**	**SV221_1.4**	**Normal**	**DU12**	**DU17**	47,000	47,000	3,700	0	3,700	120	120
WSP2025e_SV222	**SV222**	**1.4**	**04 Nov 2024**	**SV222_1.4**	**Normal**	**DU12**	**DU17**	760	760	720	0	720	-	3.3
WSP2025e_SV226	**SV226**	**1.2**	**06 Nov 2024**	**SV226_1.2**	**Normal**	**DU12**	**DU17**	980,000	980,000	73,000	0	73,000	66	1,500

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

T04 Soil Vapour Analytical Results

								Monocyclic Aromatic Hydrocarbons									
								Ethylbenzene	m&p-Xylene	o-Xylene	Styrene	Isopropylbenzene (Cumene)	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																	
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2	30	<2	-	<2	19	<2
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2	160	<2	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17	-	3.2	-	-	-	-	-	-	2.1	-
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03	98	<2	<2	<2	25	<2	-	<2	12	<2
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	-	<2	<2	<2
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03	3	6	2	7	31	<2	<2	18	<2	<2
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	310	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03	<2	3	<2	<2	11	<2	7	6	<2	<2
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17	-	6.2	3.1	-	-	-	2.3	-	4	-
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17	-	4.1	-	-	-	-	-	-	2.8	-
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	16	<2	-	<2	16	<2
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	12	<2	-	<2	13	<2
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	180	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	100	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03	<2	4	<2	<2	<2	<2	8	<2	<2	<2
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03	<2	5	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	39	<2	-	<2	29	<2
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	30	<2	-	<2	26	<2
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	620	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	4	<2	<2	<2
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17	-	2.9	-	-	-	-	-	-	-	-
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17	-	5.6	2.4	-	-	-	-	-	4.6	-
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17	-	4.7	-	-	-	-	-	-	3.8	-
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17	2	7	3	9	22	2	3	2	11	3
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17	1,200	7,100	1,500	450	30,000	23,000	<40	2,300	250	<40
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17	2,300	21,000	4,600	1,500	17,000	8,800	<100	700	<100	<100
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17	1,700	10,000	2,200	520	18,000	9,500	<20	1,100	330	170
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17	-	-	-	2.1	74	-	-	-	-	-
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17	4,800	24,000	6,200	1,300	55,000	27,000	<40	2,500	1,000	390
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17	2.2	7.7	3.8	16	-	-	3.5	-	11	3.1
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17	-	-	-	-	6	-	-	-	-	-
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17	-	-	-	-	76	-	3.2	-	-	-
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	140,000	640,000	23,000	7,600	4,400	4,700	520	170	7,500	8,500
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	35,000	120,000	7,700	2,400	1,500	540	170	<20	910	1,100
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	3,300	18,000	3,700	1,000	20,000	12,000	<20	1,400	300	170
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17	1,700	7,200	1,700	480	27,000	14,000	<20	2,000	150	100
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-

T04 Soil Vapour Analytical Results

								Monocyclic Aromatic Hydrocarbons													
								Ethylbenzene	m&p-Xylene	o-Xylene	Styrene	Isopropylbenzene (Cumene)	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																	
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSPU24_SVB02	**SVB02**	**0.9**	**08 Oct 2024**	**SPU24_SVB02**	**Normal**	**DU10**	**DU17**	-	-	-	-	2.5	-	-	-	-	-
WSP2025fSPU24_SVB03	**SVB03**	**0.8**	**08 Oct 2024**	**SPU24_SVB03**	**Normal**	**DU10**	**DU17**	14	10	2.3	-	-	-	-	-	-	-
WSP2025fSPU24_SVB04	**SVB04**	**0.8**	**08 Oct 2024**	**SPU24_SVB04**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB05	**SVB05**	**0.8**	**08 Oct 2024**	**SPU24_SVB05**	**Normal**	**DU10**	**DU17**	4.4	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB06	**SVB06**	**0.8**	**08 Oct 2024**	**SPU24_SVB06**	**Normal**	**DU10**	**DU17**	4.7	2.6	-	-	2.4	-	-	-	-	-
WSP2025fSPU24_SVB07	**SVB07**	**0.7**	**08 Oct 2024**	**SPU24_SVB07**	**Normal**	**DU10**	**DU17**	2.9	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB08	**SVB08**	**0.9**	**08 Oct 2024**	**SPU24_SVB08**	**Normal**	**DU10**	**DU17**	4.7	2.6	-	-	2.4	-	-	-	-	-
WSP2025fSPU24_SVB09	**SVB09**	**0.7**	**08 Oct 2024**	**SPU24_SVB09**	**Normal**	**DU10**	**DU17**	5	2.1	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB10	**SVB10**	**0.7**	**08 Oct 2024**	**SPU24_SVB10**	**Normal**	**DU10**	**DU17**	<20	47	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB11	**SVB11**	**0.7**	**08 Oct 2024**	**SPU24_SVB11**	**Normal**	**DU10**	**DU17**	<40	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB12	**SVB12**	**0.8**	**08 Oct 2024**	**SPU24_SVB12**	**Normal**	**DU10**	**DU17**	-	-	-	-	2.3	-	-	-	-	-
WSP2025fSPU24_SVB13	**SVB13**	**0.8**	**08 Oct 2024**	**SPU24_SVB13**	**Normal**	**DU10**	**DU17**	21	30	8.6	21	-	-	-	-	-	-
WSP2025fSPU24_SVB14	**SVB14**	**0.8**	**08 Oct 2024**	**SPU24_SVB14**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB15	**SVB15**	**0.7**	**08 Oct 2024**	**SPU24_SVB15**	**Normal**	**DU10**	**DU17**	3.4	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB16	**SVB16**	**0.7**	**08 Oct 2024**	**SPU24_SVB16**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB17	**SVB17**	**0.7**	**08 Oct 2024**	**SPU24_SVB17**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB18	**SVB18**	**0.7**	**08 Oct 2024**	**SPU24_SVB18**	**Normal**	**DU10**	**DU17**	-	-	-	-	2.2	-	-	-	-	-
WSP2025fSPU24_SVB19	**SVB19**	**0.7**	**09 Oct 2024**	**SPU24_SVB19**	**Normal**	**DU10**	**DU17**	-	-	-	-	2.2	-	-	-	-	-
WSP2025fSPU24_SVB20	**SVB20**	**0.8**	**09 Oct 2024**	**SPU24_SVB20**	**Normal**	**DU10**	**DU17**	19	3.3	4.2	-	3.6	2.2	2.7	-	-	57
WSP2025fSPU24_SVB21	**SVB21**	**0.8**	**09 Oct 2024**	**SPU24_SVB21**	**Normal**	**DU10**	**DU17**	-	10	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB22	**SVB22**	**0.8**	**09 Oct 2024**	**SPU24_SVB22**	**Normal**	**DU10**	**DU17**	-	17	6.3	-	-	-	-	-	-	-
WSP2025fSPU24_SVB23	**SVB23**	**0.8**	**09 Oct 2024**	**SPU24_SVB23**	**Normal**	**DU10**	**DU17**	-	-	-	-	2.9	-	-	-	-	-
WSP2025fSPU24_SVB24	**SVB24**	**0.8**	**09 Oct 2024**	**SPU24_SVB24**	**Normal**	**DU10**	**DU17**	120	91	18	-	110	-	12	-	-	-
WSP2025fSPU24_SVB25	**SVB25**	**0.7**	**09 Oct 2024**	**SPU24_SVB25**	**Normal**	**DU10**	**DU17**	-	-	-	-	3.5	-	-	-	-	-
WSP2025fSPU24_SVB26	**SVB26**	**0.8**	**09 Oct 2024**	**SPU24_SVB26**	**Normal**	**DU10**	**DU17**	150	1,100	280	87	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB27	**SVB27**	**0.8**	**09 Oct 2024**	**SPU24_SVB27**	**Normal**	**DU10**	**DU17**	260	2,500	750	140	<20	<20	<20	<20	63	<20
WSP2025fSPU24_SVB28	**SVB28**	**0.7**	**09 Oct 2024**	**SPU24_SVB28**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB29	**SVB29**	**0.8**	**08 Oct 2024**	**SPU24_SVB29**	**Normal**	**DU10**	**DU17**	3.3	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB30	**SVB30**	**0.8**	**09 Oct 2024**	**SPU24_SVB30**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB31	**SVB31**	**0.75**	**09 Oct 2024**	**SPU24_SVB31**	**Normal**	**DU10**	**DU17**	3	5.3	-	-	12	-	-	-	-	-
WSP2025fSPU24_SVB32	**SVB32**	**0.45**	**09 Oct 2024**	**SPU24_SVB32**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB33	**SVB33**	**0.45**	**09 Oct 2024**	**SPU24_SVB33**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB34	**SVB34**	**0.8**	**10 Oct 2024**	**SPU24_SVB34**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB35	**SVB35**	**0.8**	**09 Oct 2024**	**SPU24_SVB35**	**Normal**	**DU10**	**DU17**	<20	96	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB36	**SVB36**	**0.8**	**10 Oct 2024**	**SPU24_SVB36**	**Normal**	**DU10**	**DU17**	290	2,200	690	130	<20	<20	<20	<20	53	91
WSP2025fSPU24_SVB37	**SVB37**	**0.8**	**10 Oct 2024**	**SPU24_SVB37**	**Normal**	**DU10**	**DU17**	1,100	8,300	1,700	310	<20	<20	<20	<20	78	<20
WSP2025fSPU24_SVB38	**SVB38**	**0.8**	**10 Oct 2024**	**SPU24_SVB38**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB39	**SVB39**	**0.8**	**10 Oct 2024**	**SPU24_SVB39**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB40	**SVB40**	**0.8**	**10 Oct 2024**	**SPU24_SVB40**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB41	**SVB41**	**0.8**	**10 Oct 2024**	**SPU24_SVB41**	**Normal**	**DU10**	**DU17**	<20	950	370	<20	64	<20	<20	<20	56	<20
WSP2025fSPU24_SVB42	**SVB42**	**0.8**	**10 Oct 2024**	**SPU24_SVB42**	**Normal**	**DU10**	**DU17**	<20	700	120	<20	270	<20	<20	<20	180	75
WSP2025fSPU24_SVB43	**SVB43**	**0.8**	**10 Oct 2024**	**SPU24_SVB43**	**Normal**	**DU10**	**DU17**	<20	6,700	1,400	63	330	280	<20	<20	270	100
WSP2025fSPU24_SVB44	**SVB44**	**0.8**	**10 Oct 2024**	**SPU24_SVB44**	**Normal**	**DU10**	**DU17**	<20	1,400	190	<20	210	<20	<20	<20	67	<20
WSP2025fSPU24_SVB45	**SVB45**	**0.75**	**10 Oct 2024**	**SPU24_SVB45**	**Normal**	**DU10**	**DU17**	<20	5,600	780	<20	250	310	<20	58	490	190
WSP2025fSPU24_SVB46	**SVB46**	**0.8**	**10 Oct 2024**	**SPU24_SVB46**	**Normal**	**DU10**	**DU17**	<20	870	680	<20	94	<20	<20	<20	170	75
WSP2025fSPU24_SVB47	**SVB47**	**0.8**	**10 Oct 2024**	**SPU24_SVB47**	**Normal**	**DU10**	**DU17**	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB48	**SVB48**	**0.8**	**10 Oct 2024**	**SPU24_SVB48**	**Normal**	**DU10**	**DU17**	-	-	-	-	3.6	-	-	-	-	-
WSP2024a_SV207	**SV207**	**1**	**13 Nov 2023**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	2	6	2	7	20	2	2	2	7	2
WSP2024e_SV207	**SV207**	**1**	**09 May 2024**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	-	3.3	-	-	-	-	-	-	2.5	-
WSP2025fSV207	**SV207**	**1**	**11 Oct 2024**	**SV207**	**Normal**	**DU11**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV207	**SV207**	**1**	**05 Nov 2024**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	-	-	-	2.7	130	-	2.5	-	-	-
WSP2024a_SV208	**SV208**	**1**	**13 Nov 2023**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	6	13	5	11	42	2	8	2	15	2
WSP2024e_SV208	**SV208**	**1**	**09 May 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	-	4.6	-	-	-	-	-	-	-	-

T04 Soil Vapour Analytical Results

									Monocyclic Aromatic Hydrocarbons									
									Ethylbenzene	m&p-Xylene	o-Xylene	Styrene	Isopropylbenzene (Cumene)	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
									µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL									2	2	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand								680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																		
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**											
WSP2025fSV208	**SV208**	**1**	**11 Oct 2024**	**SV208**	**Normal**	**DU11**	**DU17**		-	-	-	-	-	-	-	-	-	-
WSP2025e_ SV208	**SV208**	**1**	**05 Nov 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**		4.4	-	-	-	120	-	9.9	4.1	-	-
WSP2024e_SV217	**SV217**	**1.5**	**09 May 2024**	**SV217**	**Normal**	**DU11**	**DU17**		-	5.5	-	-	-	-	-	-	4	-
WSP2025e_SV217	**SV217**	**1.5**	**05 Nov 2024**	**SV217_1.5**	**Normal**	**DU11**	**DU17**		-	-	-	-	120	-	3.3	-	-	-
WSP2025fOG24_SVB49	**SVB49**	**0.8**	**11 Oct 2024**	**SPU24_SVB49**	**Normal**	**DU11**	**DU17**		-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB50	**SVB50**	**0.8**	**10 Oct 2024**	**SPU24_SVB50**	**Normal**	**DU11**	**DU17**		2.6	6.4	-	3.8	15	-	-	-	-	-
WSP2025fOG24_SVB51	**SVB51**	**0.8**	**10 Oct 2024**	**SPU24_SVB51**	**Normal**	**DU11**	**DU17**		-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB52	**SVB52**	**0.8**	**11 Oct 2024**	**SPU24_SVB52**	**Normal**	**DU11**	**DU17**		3.8	9.9	2.9	10	21	-	-	-	3.2	-
WSP2025fOG24_SVB53	**SVB53**	**0.8**	**11 Oct 2024**	**SPU24_SVB53**	**Normal**	**DU11**	**DU17**		-	-	-	-	2.2	-	-	-	-	-
WSP2025fOG24_SVB54	**SVB54**	**0.8**	**11 Oct 2024**	**SPU24_SVB54**	**Normal**	**DU11**	**DU17**		3.4	9	2.8	7.4	20	-	-	-	3.6	-
WSP2025fOG24_SVB55	**SVB55**	**0.8**	**11 Oct 2024**	**SPU24_SVB55**	**Normal**	**DU11**	**DU17**		-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB56	**SVB56**	**0.8**	**11 Oct 2024**	**SPU24_SVB56**	**Normal**	**DU11**	**DU17**		3.3	8.2	2.4	6.4	18	-	-	-	2.5	-
WSP2024e_SV218	**SV218**	**1.3**	**09 May 2024**	**SV218**	**Normal**	**DU12**	**DU17**		-	-	-	-	-	-	-	-	-	-
WSP2025e_SV218	**SV218**	**1.3**	**05 Nov 2024**	**SV218_1.3**	**Normal**	**DU12**	**DU17**		-	3.4	-	4.2	230	-	7.6	-	-	-
WSP2024e_SV221	**SV221**	**1.4**	**09 May 2024**	**SV221**	**Normal**	**DU12**	**DU17**		120	74	70	7	9.7	13	22	-	13	7.2
WSP2025e_SV221	**SV221**	**1.4**	**05 Nov 2024**	**SV221_1.4**	**Normal**	**DU12**	**DU17**		89	28	35	-	190	8.6	14	-	4.1	-
WSP2025e_SV222	**SV222**	**1.4**	**04 Nov 2024**	**SV222_1.4**	**Normal**	**DU12**	**DU17**		-	-	-	2.9	100	-	2.1	-	-	-
WSP2025e_SV226	**SV226**	**1.2**	**06 Nov 2024**	**SV226_1.2**	**Normal**	**DU12**	**DU17**		<20	270	62	<20	310	<20	75	<20	<20	<20

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.
#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

T04 Soil Vapour Analytical Results

									Polynuclear Aromatic Hydrocarbons			Other	Hydrocarbon Gases	NA		Halo
								Exceedance Flagged	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	3-Methylpentane	Isopentane (2-methylbutane)	2,2-Dimethylbutane	2,4-Dimethylpentane	Chlorobenzene
									µg/m3	µg/m3	µg/m3	µg/m3	ug/m3	mg/m3	mg/m3	µg/m3
EQL									2	2	2	2	2	0.002	0.002	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000		3,000 | 15,000 | 35,000 | 75,000 | 150,000							
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**									
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	-	<0.002	<2
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17	0	-	-	-	-	-	-	-	-
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03	0	<2	32	360	<2	32	-	<0.002	<2
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	-	<0.002	<2
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03	0	<2	<2	<2	27	190	<0.002	<0.002	<2
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	42	<0.002	<0.002	<2
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03	0	<2	<2	<2	26	170	0.005	0.005	<2
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	15	<0.002	<0.002	<2
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17	0	-	-	-	92	590	0.012	0.0052	-
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17	0	-	-	-	67	430	0.012	0.0074	-
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	-	<0.002	<2
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	-	<0.002	<2
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	6	<0.002	<0.002	<2
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17	0	-	-	-	-	-	-	-	-
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03	0	<2	<2	12	<2	<2	-	<0.002	<2
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03	0	<2	<2	38	<2	<2	-	<0.002	<2
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17	0	-	-	-	-	-	-	-	-
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17	0	-	-	-	-	-	-	-	-
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03	0	<2	<2	<2	<2	<2	<0.002	<0.002	<2
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17	0	-	-	-	-	30	-	-	-
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17	0	7	2	2	24	64	0.12	0.098	2
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17	0	<40	<40	<40	1,200,000	200,000	120	1,100	<40
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17	0	<100	<100	<100	7,600,000	1,000,000	680	4,400	<100
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17	0	-	-	-	11	12	-	0.013	-
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17	0	<20	<20	<20	4,200,000	480,000	360	5,600	<20
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17	0	-	-	-	6.9	7.2	0.0035	0.0056	-
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17	0	<40	<40	<40	4,500,000	650,000	790	5,900	<40
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17	0	2.4	-	-	64	320	0.062	0.042	-
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17	0	-	-	-	79	400	0.073	0.059	-
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17	0	-	-	-	99	300	0.088	0.077	-
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	1	<20	<20	<20	23,000,000	11,000,000	1,700	7,000	<20
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	1	<20	<20	<20	13,000,000	4,100,000	880	3,100	<20
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	0	<20	<20	<20	5,600,000	760,000	240	4,000	<20
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17	0	<20	<20	<20	2,500,000	420,000	200	1,600	860
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-

T04 Soil Vapour Analytical Results

										Polynuclear Aromatic Hydrocarbons			Other	Hydrocarbon Gases	NA		Halo	
								Exceedance Flagged	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	3-Methylpentane	Isopentane (2-methylbutane)	2,2-Dimethylbutane	2,4-Dimethylpentane	Chlorobenzene	
									µg/m3	µg/m3	µg/m3	µg/m3	ug/m3	mg/m3	mg/m3	µg/m3	
EQL									2	2	2	2	2	0.002	0.002	2	
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000		3,000 | 15,000 | 35,000 | 75,000 | 150,000								
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																	
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSPU24_SVB02	SVB02	0.9	08 Oct 2024	SPU24_SVB02	Normal	DU10	DU17	0	-	-	-	4.6	19	-	-	-	
WSP2025fSPU24_SVB03	SVB03	0.8	08 Oct 2024	SPU24_SVB03	Normal	DU10	DU17	0	-	-	-	23	200	0.031	0.017	-	
WSP2025fSPU24_SVB04	SVB04	0.8	08 Oct 2024	SPU24_SVB04	Normal	DU10	DU17	0	-	-	-	91	2,000	0.6	0.084	-	
WSP2025fSPU24_SVB05	SVB05	0.8	08 Oct 2024	SPU24_SVB05	Normal	DU10	DU17	0	-	-	-	2.3	48	0.0021	-	-	
WSP2025fSPU24_SVB06	SVB06	0.8	08 Oct 2024	SPU24_SVB06	Normal	DU10	DU17	0	-	-	-	62	240	0.013	0.0091	-	
WSP2025fSPU24_SVB07	SVB07	0.7	08 Oct 2024	SPU24_SVB07	Normal	DU10	DU17	0	-	-	-	26	220	0.017	0.0041	-	
WSP2025fSPU24_SVB08	SVB08	0.9	08 Oct 2024	SPU24_SVB08	Normal	DU10	DU17	0	-	-	-	62	240	0.013	0.0091	-	
WSP2025fSPU24_SVB09	SVB09	0.7	08 Oct 2024	SPU24_SVB09	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB10	SVB10	0.7	08 Oct 2024	SPU24_SVB10	Normal	DU10	DU17	0	<20	<20	<20	9,100	22,000	15	73	<20	
WSP2025fSPU24_SVB11	SVB11	0.7	08 Oct 2024	SPU24_SVB11	Normal	DU10	DU17	0	<20	<20	<20	<20	<20	0.083	<0.02	<20	
WSP2025fSPU24_SVB12	SVB12	0.8	08 Oct 2024	SPU24_SVB12	Normal	DU10	DU17	0	-	-	-	-	10	-	-	-	
WSP2025fSPU24_SVB13	SVB13	0.8	08 Oct 2024	SPU24_SVB13	Normal	DU10	DU17	0	-	-	-	-	6.7	-	-	-	
WSP2025fSPU24_SVB14	SVB14	0.8	08 Oct 2024	SPU24_SVB14	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB15	SVB15	0.7	08 Oct 2024	SPU24_SVB15	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB16	SVB16	0.7	08 Oct 2024	SPU24_SVB16	Normal	DU10	DU17	0	-	-	-	-	3.5	-	-	-	
WSP2025fSPU24_SVB17	SVB17	0.7	08 Oct 2024	SPU24_SVB17	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB18	SVB18	0.7	08 Oct 2024	SPU24_SVB18	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB19	SVB19	0.7	09 Oct 2024	SPU24_SVB19	Normal	DU10	DU17	0	-	-	-	4.8	24	0.0021	-	-	
WSP2025fSPU24_SVB20	SVB20	0.8	09 Oct 2024	SPU24_SVB20	Normal	DU10	DU17	0	-	-	-	210	380	0.023	0.1	-	
WSP2025fSPU24_SVB21	SVB21	0.8	09 Oct 2024	SPU24_SVB21	Normal	DU10	DU17	0	-	-	-	410	1,000	0.33	2.4	-	
WSP2025fSPU24_SVB22	SVB22	0.8	09 Oct 2024	SPU24_SVB22	Normal	DU10	DU17	0	-	-	-	1,400	2,100	1.3	29	-	
WSP2025fSPU24_SVB23	SVB23	0.8	09 Oct 2024	SPU24_SVB23	Normal	DU10	DU17	0	-	-	-	-	4.4	-	-	-	
WSP2025fSPU24_SVB24	SVB24	0.8	09 Oct 2024	SPU24_SVB24	Normal	DU10	DU17	0	-	-	-	-	7.8	-	-	-	
WSP2025fSPU24_SVB25	SVB25	0.7	09 Oct 2024	SPU24_SVB25	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB26	SVB26	0.8	09 Oct 2024	SPU24_SVB26	Normal	DU10	DU17	0	<20	<20	<20	89,000	18,000	4.5	63	<20	
WSP2025fSPU24_SVB27	SVB27	0.8	09 Oct 2024	SPU24_SVB27	Normal	DU10	DU17	0	<20	<20	<20	180,000	32,000	10	140	<20	
WSP2025fSPU24_SVB28	SVB28	0.7	09 Oct 2024	SPU24_SVB28	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB29	SVB29	0.8	08 Oct 2024	SPU24_SVB29	Normal	DU10	DU17	0	-	-	-	-	7.2	-	-	-	
WSP2025fSPU24_SVB30	SVB30	0.8	09 Oct 2024	SPU24_SVB30	Normal	DU10	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSPU24_SVB31	SVB31	0.75	09 Oct 2024	SPU24_SVB31	Normal	DU10	DU17	0	-	-	-	31	47	0.0055	-	-	
WSP2025fSPU24_SVB32	SVB32	0.45	09 Oct 2024	SPU24_SVB32	Normal	DU10	DU17	0	-	-	-	300	350	0.14	0.058	-	
WSP2025fSPU24_SVB33	SVB33	0.45	09 Oct 2024	SPU24_SVB33	Normal	DU10	DU17	0	-	-	-	5,200	4,500	0.74	1.6	-	
WSP2025fSPU24_SVB34	SVB34	0.8	10 Oct 2024	SPU24_SVB34	Normal	DU10	DU17	0	-	-	-	7.7	32	0.12	0.0023	-	
WSP2025fSPU24_SVB35	SVB35	0.8	09 Oct 2024	SPU24_SVB35	Normal	DU10	DU17	0	<20	<20	<20	85,000	54,000	59	190	<20	
WSP2025fSPU24_SVB36	SVB36	0.8	10 Oct 2024	SPU24_SVB36	Normal	DU10	DU17	0	<20	<20	<20	3,600,000	150,000	100	1,100	<20	
WSP2025fSPU24_SVB37	SVB37	0.8	10 Oct 2024	SPU24_SVB37	Normal	DU10	DU17	0	<20	<20	<20	2,600,000	130,000	96	1,100	<20	
WSP2025fSPU24_SVB38	SVB38	0.8	10 Oct 2024	SPU24_SVB38	Normal	DU10	DU17	0	-	-	-	39	7.7	-	0.022	-	
WSP2025fSPU24_SVB39	SVB39	0.8	10 Oct 2024	SPU24_SVB39	Normal	DU10	DU17	0	-	-	-	-	4.2	-	-	-	
WSP2025fSPU24_SVB40	SVB40	0.8	10 Oct 2024	SPU24_SVB40	Normal	DU10	DU17	0	-	-	-	18	12	0.0062	0.014	-	
WSP2025fSPU24_SVB41	SVB41	0.8	10 Oct 2024	SPU24_SVB41	Normal	DU10	DU17	0	<20	<20	<20	6,900	20,000	46	560	<20	
WSP2025fSPU24_SVB42	SVB42	0.8	10 Oct 2024	SPU24_SVB42	Normal	DU10	DU17	0	<20	<20	<20	25,000	140,000	140	1,100	<20	
WSP2025fSPU24_SVB43	SVB43	0.8	10 Oct 2024	SPU24_SVB43	Normal	DU10	DU17	0	<20	<20	<20	49,000	15,000	27	720	<20	
WSP2025fSPU24_SVB44	SVB44	0.8	10 Oct 2024	SPU24_SVB44	Normal	DU10	DU17	0	<20	<20	<20	340,000	94,000	71	810	<20	
WSP2025fSPU24_SVB45	SVB45	0.75	10 Oct 2024	SPU24_SVB45	Normal	DU10	DU17	0	<20	<20	<20	42,000	520,000	150	560	<20	
WSP2025fSPU24_SVB46	SVB46	0.8	10 Oct 2024	SPU24_SVB46	Normal	DU10	DU17	0	<20	<20	<20	170,000	1,100,000	280	750	<20	
WSP2025fSPU24_SVB47	SVB47	0.8	10 Oct 2024	SPU24_SVB47	Normal	DU10	DU17	0	<20	<20	<20	270	1,800	2.4	5.9	<20	
WSP2025fSPU24_SVB48	SVB48	0.8	10 Oct 2024	SPU24_SVB48	Normal	DU10	DU17	0	-	-	-	-	94	0.032	-	-	
WSP2024a_SV207	SV207	1	13 Nov 2023	SV207_1.0	Normal	DU11	DU17	0	2	2	2	2	2	0.002	0.002	2	
WSP2024e_SV207	SV207	1	09 May 2024	SV207_1.0	Normal	DU11	DU17	0	-	-	-	-	-	-	-	-	
WSP2025fSV207	SV207	1	11 Oct 2024	SV207	Normal	DU11	DU17	0	-	-	-	11	-	-	0.023	-	
WSP2025e_SV207	SV207	1	05 Nov 2024	SV207_1.0	Normal	DU11	DU17	0	-	-	-	-	-	-	-	-	
WSP2024a_SV208	SV208	1	13 Nov 2023	SV208_1.0	Normal	DU11	DU17	0	6	2	2	100	520	0.047	0.076	2	
WSP2024e_SV208	SV208	1	09 May 2024	SV208_1.0	Normal	DU11	DU17	0	-	-	-	76	380	0.042	0.057	-	

T04 Soil Vapour Analytical Results

									Exceedance Flagged	Polynuclear Aromatic Hydrocarbons			Other	Hydrocarbon Gases	NA		Halo
										Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	3-Methylpentane	Isopentane (2-methylbutane)	2,2-Dimethylbutane	2,4-Dimethylpentane	Chlorobenzene
										µg/m3	µg/m3	µg/m3	µg/m3	ug/m3	mg/m3	mg/m3	µg/m3
EQL										2	2	2	2	2	0.002	0.002	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand								680,000		3,000 | 15,000 | 35,000 | 75,000 | 150,000							
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																	
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSV208	**SV208**	**1**	**11 Oct 2024**	**SV208**	**Normal**	**DU11**	**DU17**		0	-	-	-	27	140	0.01	0.02	-
WSP2025e_ SV208	**SV208**	**1**	**05 Nov 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**		0	-	-	-	41	110	0.013	0.026	-
WSP2024e_SV217	**SV217**	**1.5**	**09 May 2024**	**SV217**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025e_SV217	**SV217**	**1.5**	**05 Nov 2024**	**SV217_1.5**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB49	**SVB49**	**0.8**	**11 Oct 2024**	**SPU24_SVB49**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB50	**SVB50**	**0.8**	**10 Oct 2024**	**SPU24_SVB50**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB51	**SVB51**	**0.8**	**10 Oct 2024**	**SPU24_SVB51**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB52	**SVB52**	**0.8**	**11 Oct 2024**	**SPU24_SVB52**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB53	**SVB53**	**0.8**	**11 Oct 2024**	**SPU24_SVB53**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB54	**SVB54**	**0.8**	**11 Oct 2024**	**SPU24_SVB54**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB55	**SVB55**	**0.8**	**11 Oct 2024**	**SPU24_SVB55**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB56	**SVB56**	**0.8**	**11 Oct 2024**	**SPU24_SVB56**	**Normal**	**DU11**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2024e_SV218	**SV218**	**1.3**	**09 May 2024**	**SV218**	**Normal**	**DU12**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025e_SV218	**SV218**	**1.3**	**05 Nov 2024**	**SV218_1.3**	**Normal**	**DU12**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2024e_SV221	**SV221**	**1.4**	**09 May 2024**	**SV221**	**Normal**	**DU12**	**DU17**		0	-	-	-	16,000	14,000	0.4	12	-
WSP2025e_SV221	**SV221**	**1.4**	**05 Nov 2024**	**SV221_1.4**	**Normal**	**DU12**	**DU17**		0	-	-	-	4,800	3,900	0.2	6.6	-
WSP2025e_SV222	**SV222**	**1.4**	**04 Nov 2024**	**SV222_1.4**	**Normal**	**DU12**	**DU17**		0	-	-	-	-	-	-	-	-
WSP2025e_SV226	**SV226**	**1.2**	**06 Nov 2024**	**SV226_1.2**	**Normal**	**DU12**	**DU17**		0	<20	<20	<20	5,600	12,000	0.9	39	<20

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

T04 Soil Vapour Analytical Results

								genated Aromatic Compounds										
								1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Chloromethane	Vinyl chloride	1,1-Dichloroethene	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs												100			300		230,000
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	-	-	-	<2	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2	-	<2	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03	<2	<2	-	-	-	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	-	-	-	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	-	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	-	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	6	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	10	<2	<2	<2	<2
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17	-	2.6	-	-	3.8	20	-	-	-	-
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17	-	-	-	-	3.9	4.8	-	-	-	-
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03	<2	<2	-	-	-	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	-	-	-	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	-	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	-	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	-	-	-	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03	<2	<2	-	-	-	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	-	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	-	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17	-	3	-	-	-	-	-	-	-	-
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03	<2	<2	<2	<2	<2	2	<2	<2	<2	<2
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17	-	-	-	-	-	4.4	-	-	-	-
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17	2	2	9	2	2	2	2	2	2	2
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17	-	-	8.3	-	-	-	-	-	-	-
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17	-	-	5.3	-	-	-	-	-	-	-
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17	-	-	-	-	-	-	-	3.3	-	-
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	<20	<20	130	<20	7,700	<20	<20	120	84	<20
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	<20	<20	<20	<20	540	<20	<20	160	<20	<20
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	<20	<20	<20	<20	690	<20	<20	<20	<20	<20
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17	<20	<20	<20	<20	66	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-

T04 Soil Vapour Analytical Results

								genated Aromatic Compounds									
								1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Chloromethane	Vinyl chloride	1,1-Dichloroethene	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs												100			300		230,000
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSPU24_SVB02	SVB02	0.9	08 Oct 2024	SPU24_SVB02	Normal	DU10	DU17	-	-	4.1	-	-	-	-	-	-	-
WSP2025fSPU24_SVB03	SVB03	0.8	08 Oct 2024	SPU24_SVB03	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB04	SVB04	0.8	08 Oct 2024	SPU24_SVB04	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB05	SVB05	0.8	08 Oct 2024	SPU24_SVB05	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB06	SVB06	0.8	08 Oct 2024	SPU24_SVB06	Normal	DU10	DU17	-	-	11	-	-	-	-	-	-	-
WSP2025fSPU24_SVB07	SVB07	0.7	08 Oct 2024	SPU24_SVB07	Normal	DU10	DU17	-	-	21	-	-	-	-	-	-	-
WSP2025fSPU24_SVB08	SVB08	0.9	08 Oct 2024	SPU24_SVB08	Normal	DU10	DU17	-	-	11	-	-	-	-	-	-	-
WSP2025fSPU24_SVB09	SVB09	0.7	08 Oct 2024	SPU24_SVB09	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB10	SVB10	0.7	08 Oct 2024	SPU24_SVB10	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB11	SVB11	0.7	08 Oct 2024	SPU24_SVB11	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB12	SVB12	0.8	08 Oct 2024	SPU24_SVB12	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB13	SVB13	0.8	08 Oct 2024	SPU24_SVB13	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB14	SVB14	0.8	08 Oct 2024	SPU24_SVB14	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB15	SVB15	0.7	08 Oct 2024	SPU24_SVB15	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB16	SVB16	0.7	08 Oct 2024	SPU24_SVB16	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB17	SVB17	0.7	08 Oct 2024	SPU24_SVB17	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB18	SVB18	0.7	08 Oct 2024	SPU24_SVB18	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB19	SVB19	0.7	09 Oct 2024	SPU24_SVB19	Normal	DU10	DU17	-	-	20	-	-	-	-	-	-	-
WSP2025fSPU24_SVB20	SVB20	0.8	09 Oct 2024	SPU24_SVB20	Normal	DU10	DU17	-	-	3.9	-	55	2.2	-	-	5	-
WSP2025fSPU24_SVB21	SVB21	0.8	09 Oct 2024	SPU24_SVB21	Normal	DU10	DU17	-	-	11	-	-	-	-	-	-	-
WSP2025fSPU24_SVB22	SVB22	0.8	09 Oct 2024	SPU24_SVB22	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB23	SVB23	0.8	09 Oct 2024	SPU24_SVB23	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB24	SVB24	0.8	09 Oct 2024	SPU24_SVB24	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB25	SVB25	0.7	09 Oct 2024	SPU24_SVB25	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB26	SVB26	0.8	09 Oct 2024	SPU24_SVB26	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB27	SVB27	0.8	09 Oct 2024	SPU24_SVB27	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB28	SVB28	0.7	09 Oct 2024	SPU24_SVB28	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB29	SVB29	0.8	08 Oct 2024	SPU24_SVB29	Normal	DU10	DU17	-	-	11	-	-	-	-	-	-	-
WSP2025fSPU24_SVB30	SVB30	0.8	09 Oct 2024	SPU24_SVB30	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB31	SVB31	0.75	09 Oct 2024	SPU24_SVB31	Normal	DU10	DU17	-	-	-	-	8.4	-	-	-	2.2	-
WSP2025fSPU24_SVB32	SVB32	0.45	09 Oct 2024	SPU24_SVB32	Normal	DU10	DU17	-	-	4.2	-	6	-	-	-	-	-
WSP2025fSPU24_SVB33	SVB33	0.45	09 Oct 2024	SPU24_SVB33	Normal	DU10	DU17	-	-	3.7	-	-	-	-	-	-	-
WSP2025fSPU24_SVB34	SVB34	0.8	10 Oct 2024	SPU24_SVB34	Normal	DU10	DU17	-	-	6.6	-	10	-	-	2.4	4	-
WSP2025fSPU24_SVB35	SVB35	0.8	09 Oct 2024	SPU24_SVB35	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB36	SVB36	0.8	10 Oct 2024	SPU24_SVB36	Normal	DU10	DU17	<20	<20	<20	<20	1,000	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB37	SVB37	0.8	10 Oct 2024	SPU24_SVB37	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB38	SVB38	0.8	10 Oct 2024	SPU24_SVB38	Normal	DU10	DU17	-	-	3.9	-	-	-	-	-	-	-
WSP2025fSPU24_SVB39	SVB39	0.8	10 Oct 2024	SPU24_SVB39	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB40	SVB40	0.8	10 Oct 2024	SPU24_SVB40	Normal	DU10	DU17	-	-	6.5	-	-	-	-	-	-	-
WSP2025fSPU24_SVB41	SVB41	0.8	10 Oct 2024	SPU24_SVB41	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB42	SVB42	0.8	10 Oct 2024	SPU24_SVB42	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB43	SVB43	0.8	10 Oct 2024	SPU24_SVB43	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB44	SVB44	0.8	10 Oct 2024	SPU24_SVB44	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB45	SVB45	0.75	10 Oct 2024	SPU24_SVB45	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB46	SVB46	0.8	10 Oct 2024	SPU24_SVB46	Normal	DU10	DU17	<20	<20	<20	<20	290	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB47	SVB47	0.8	10 Oct 2024	SPU24_SVB47	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB48	SVB48	0.8	10 Oct 2024	SPU24_SVB48	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2024a_SV207	SV207	1	13 Nov 2023	SV207_1.0	Normal	DU11	DU17	2	2	2	2	2	2	2	2	2	2
WSP2024e_SV207	SV207	1	09 May 2024	SV207_1.0	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSV207	SV207	1	11 Oct 2024	SV207	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV207	SV207	1	05 Nov 2024	SV207_1.0	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2024a_SV208	SV208	1	13 Nov 2023	SV208_1.0	Normal	DU11	DU17	2	2	2	2	1,300	2	11	43	31	2
WSP2024e_SV208	SV208	1	09 May 2024	SV208_1.0	Normal	DU11	DU17	-	-	-	-	2,200	-	4.8	29	19	-

T04 Soil Vapour Analytical Results

								genated Aromatic Compounds									
								1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Chloromethane	Vinyl chloride	1,1-Dichloroethene	1,1-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1-Trichloroethane
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs												100			300		230,000
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSV208	**SV208**	**1**	**11 Oct 2024**	**SV208**	**Normal**	**DU11**	**DU17**	-	-	-	-	1,800	-	12	66	31	-
WSP2025e_ SV208	**SV208**	**1**	**05 Nov 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	-	-	-	-	170	-	16	100	35	-
WSP2024e_SV217	**SV217**	**1.5**	**09 May 2024**	**SV217**	**Normal**	**DU11**	**DU17**	-	2.9	-	-	-	-	-	-	-	-
WSP2025e_SV217	**SV217**	**1.5**	**05 Nov 2024**	**SV217_1.5**	**Normal**	**DU11**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB49	**SVB49**	**0.8**	**11 Oct 2024**	**SPU24_SVB49**	**Normal**	**DU11**	**DU17**	-	-	-	-	8.4	-	-	400	36	-
WSP2025fOG24_SVB50	**SVB50**	**0.8**	**10 Oct 2024**	**SPU24_SVB50**	**Normal**	**DU11**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB51	**SVB51**	**0.8**	**10 Oct 2024**	**SPU24_SVB51**	**Normal**	**DU11**	**DU17**	-	-	2.2	-	-	-	-	-	-	-
WSP2025fOG24_SVB52	**SVB52**	**0.8**	**11 Oct 2024**	**SPU24_SVB52**	**Normal**	**DU11**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB53	**SVB53**	**0.8**	**11 Oct 2024**	**SPU24_SVB53**	**Normal**	**DU11**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB54	**SVB54**	**0.8**	**11 Oct 2024**	**SPU24_SVB54**	**Normal**	**DU11**	**DU17**	-	-	-	-	36	15	29	-	-	42
WSP2025fOG24_SVB55	**SVB55**	**0.8**	**11 Oct 2024**	**SPU24_SVB55**	**Normal**	**DU11**	**DU17**	-	-	3.5	-	3.5	120	-	-	-	200
WSP2025fOG24_SVB56	**SVB56**	**0.8**	**11 Oct 2024**	**SPU24_SVB56**	**Normal**	**DU11**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2024e_SV218	**SV218**	**1.3**	**09 May 2024**	**SV218**	**Normal**	**DU12**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV218	**SV218**	**1.3**	**05 Nov 2024**	**SV218_1.3**	**Normal**	**DU12**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2024e_SV221	**SV221**	**1.4**	**09 May 2024**	**SV221**	**Normal**	**DU12**	**DU17**	-	-	-	-	-	-	4.3	-	-	-
WSP2025e_SV221	**SV221**	**1.4**	**05 Nov 2024**	**SV221_1.4**	**Normal**	**DU12**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV222	**SV222**	**1.4**	**04 Nov 2024**	**SV222_1.4**	**Normal**	**DU12**	**DU17**	-	-	-	-	-	-	-	-	-	2.7
WSP2025e_SV226	**SV226**	**1.2**	**06 Nov 2024**	**SV226_1.2**	**Normal**	**DU12**	**DU17**	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

T04 Soil Vapour Analytical Results

								Halogenated Aliphatic Compounds									
								1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Hexachlorobutadiene
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2 - 4	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs											80			8,000			
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03	<2	-	-	-	<2	<2	-	<2	<2	<2
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	-	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03	<2	-	-	-	<2	<2	-	<2	<2	<2
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03	<2	-	-	-	<2	<2	-	<2	<2	<2
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03	<2	<2	-	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	-	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	6	<2	<2	<2
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	10	<2	<2	<2
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17	-	-	-	-	-	-	9.7	-	-	-
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03	<2	-	-	-	<2	<2	-	<2	<2	<2
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03	<2	-	-	-	<2	<2	-	<2	<2	<2
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03	<2	<2	-	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	-	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03	<2	-	-	-	<2	<2	-	<2	<2	<2
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03	<2	-	-	-	<2	<2	-	<2	<2	<2
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	-	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03	<2	<2	-	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	3	<2	<2	<2
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17	-	-	-	-	-	-	-	-	-	-
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17	2	2	2	2	2	2	11	2	2	2
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17	-	-	-	-	-	-	8.8	-	-	-
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17	-	-	-	-	-	-	12	-	-	-
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	<20	<20	<20	55	<20	<20	190	<20	<20	<20
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	86	<20	<20	<20
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-

T04 Soil Vapour Analytical Results

								Halogenated Aliphatic Compounds									
								1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Hexachlorobutadiene
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2 - 4	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs											80			8,000			
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSPU24_SVB02	SVB02	0.9	08 Oct 2024	SPU24_SVB02	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB03	SVB03	0.8	08 Oct 2024	SPU24_SVB03	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB04	SVB04	0.8	08 Oct 2024	SPU24_SVB04	Normal	DU10	DU17	-	-	-	-	-	-	11	-	-	-
WSP2025fSPU24_SVB05	SVB05	0.8	08 Oct 2024	SPU24_SVB05	Normal	DU10	DU17	-	-	-	-	-	-	5.1	-	-	-
WSP2025fSPU24_SVB06	SVB06	0.8	08 Oct 2024	SPU24_SVB06	Normal	DU10	DU17	-	-	-	-	-	-	5.2	-	-	-
WSP2025fSPU24_SVB07	SVB07	0.7	08 Oct 2024	SPU24_SVB07	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB08	SVB08	0.9	08 Oct 2024	SPU24_SVB08	Normal	DU10	DU17	-	-	-	-	-	-	5.2	-	-	-
WSP2025fSPU24_SVB09	SVB09	0.7	08 Oct 2024	SPU24_SVB09	Normal	DU10	DU17	-	-	-	-	-	-	4.9	-	-	-
WSP2025fSPU24_SVB10	SVB10	0.7	08 Oct 2024	SPU24_SVB10	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB11	SVB11	0.7	08 Oct 2024	SPU24_SVB11	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB12	SVB12	0.8	08 Oct 2024	SPU24_SVB12	Normal	DU10	DU17	-	-	-	-	-	-	6.2	-	-	-
WSP2025fSPU24_SVB13	SVB13	0.8	08 Oct 2024	SPU24_SVB13	Normal	DU10	DU17	-	-	-	-	-	-	23	-	-	-
WSP2025fSPU24_SVB14	SVB14	0.8	08 Oct 2024	SPU24_SVB14	Normal	DU10	DU17	-	-	-	-	-	-	110	-	-	-
WSP2025fSPU24_SVB15	SVB15	0.7	08 Oct 2024	SPU24_SVB15	Normal	DU10	DU17	-	-	-	-	-	-	7.5	-	-	-
WSP2025fSPU24_SVB16	SVB16	0.7	08 Oct 2024	SPU24_SVB16	Normal	DU10	DU17	-	-	-	-	-	-	13	-	-	-
WSP2025fSPU24_SVB17	SVB17	0.7	08 Oct 2024	SPU24_SVB17	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB18	SVB18	0.7	08 Oct 2024	SPU24_SVB18	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB19	SVB19	0.7	09 Oct 2024	SPU24_SVB19	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB20	SVB20	0.8	09 Oct 2024	SPU24_SVB20	Normal	DU10	DU17	-	-	-	13	-	-	130	-	-	-
WSP2025fSPU24_SVB21	SVB21	0.8	09 Oct 2024	SPU24_SVB21	Normal	DU10	DU17	-	-	-	-	-	-	59	-	-	-
WSP2025fSPU24_SVB22	SVB22	0.8	09 Oct 2024	SPU24_SVB22	Normal	DU10	DU17	-	-	-	-	-	-	39	-	-	-
WSP2025fSPU24_SVB23	SVB23	0.8	09 Oct 2024	SPU24_SVB23	Normal	DU10	DU17	-	-	-	-	-	-	110	-	-	-
WSP2025fSPU24_SVB24	SVB24	0.8	09 Oct 2024	SPU24_SVB24	Normal	DU10	DU17	-	-	-	-	-	-	67	-	-	-
WSP2025fSPU24_SVB25	SVB25	0.7	09 Oct 2024	SPU24_SVB25	Normal	DU10	DU17	-	-	-	-	-	-	35	-	-	-
WSP2025fSPU24_SVB26	SVB26	0.8	09 Oct 2024	SPU24_SVB26	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB27	SVB27	0.8	09 Oct 2024	SPU24_SVB27	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB28	SVB28	0.7	09 Oct 2024	SPU24_SVB28	Normal	DU10	DU17	-	-	-	-	-	-	43	-	-	-
WSP2025fSPU24_SVB29	SVB29	0.8	08 Oct 2024	SPU24_SVB29	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB30	SVB30	0.8	09 Oct 2024	SPU24_SVB30	Normal	DU10	DU17	-	-	-	-	-	-	11	-	-	-
WSP2025fSPU24_SVB31	SVB31	0.75	09 Oct 2024	SPU24_SVB31	Normal	DU10	DU17	-	-	-	-	-	-	31	-	-	-
WSP2025fSPU24_SVB32	SVB32	0.45	09 Oct 2024	SPU24_SVB32	Normal	DU10	DU17	-	-	-	-	-	-	6.2	-	-	-
WSP2025fSPU24_SVB33	SVB33	0.45	09 Oct 2024	SPU24_SVB33	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB34	SVB34	0.8	10 Oct 2024	SPU24_SVB34	Normal	DU10	DU17	-	-	-	-	-	-	40	-	-	-
WSP2025fSPU24_SVB35	SVB35	0.8	09 Oct 2024	SPU24_SVB35	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB36	SVB36	0.8	10 Oct 2024	SPU24_SVB36	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	69	<20	<20	<20
WSP2025fSPU24_SVB37	SVB37	0.8	10 Oct 2024	SPU24_SVB37	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB38	SVB38	0.8	10 Oct 2024	SPU24_SVB38	Normal	DU10	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB39	SVB39	0.8	10 Oct 2024	SPU24_SVB39	Normal	DU10	DU17	-	-	-	-	-	-	14	-	-	-
WSP2025fSPU24_SVB40	SVB40	0.8	10 Oct 2024	SPU24_SVB40	Normal	DU10	DU17	-	-	-	2.3	-	-	15	-	-	-
WSP2025fSPU24_SVB41	SVB41	0.8	10 Oct 2024	SPU24_SVB41	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB42	SVB42	0.8	10 Oct 2024	SPU24_SVB42	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB43	SVB43	0.8	10 Oct 2024	SPU24_SVB43	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB44	SVB44	0.8	10 Oct 2024	SPU24_SVB44	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB45	SVB45	0.75	10 Oct 2024	SPU24_SVB45	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB46	SVB46	0.8	10 Oct 2024	SPU24_SVB46	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB47	SVB47	0.8	10 Oct 2024	SPU24_SVB47	Normal	DU10	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
WSP2025fSPU24_SVB48	SVB48	0.8	10 Oct 2024	SPU24_SVB48	Normal	DU10	DU17	-	-	-	-	-	-	5.2	-	-	-
WSP2024a_SV207	SV207	1	13 Nov 2023	SV207_1.0	Normal	DU11	DU17	2	2	2	2	2	2	2	2	2	2
WSP2024e_SV207	SV207	1	09 May 2024	SV207_1.0	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fSV207	SV207	1	11 Oct 2024	SV207	Normal	DU11	DU17	-	-	-	-	-	-	55	-	-	-
WSP2025e_SV207	SV207	1	05 Nov 2024	SV207_1.0	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2024a_SV208	SV208	1	13 Nov 2023	SV208_1.0	Normal	DU11	DU17	2	2	2	9	2	2	7	2	2	2
WSP2024e_SV208	SV208	1	09 May 2024	SV208_1.0	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-

T04 Soil Vapour Analytical Results

								Halogenated Aliphatic Compounds									
								1,1-Dichloropropene	Carbon Tetrachloride	1,2-Dichloroethane	Trichloroethene	1,1,2-Trichloroethane	1,3-Dichloropropane	Tetrachloroethene (PCE)	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Hexachlorobutadiene
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2 - 4	2	2	2	2	2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs											80			8,000			
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSV208	SV208	1	11 Oct 2024	SV208	Normal	DU11	DU17	-	-	-	7.2	-	-	4.7	-	-	-
WSP2025e_ SV208	SV208	1	05 Nov 2024	SV208_1.0	Normal	DU11	DU17	-	-	-	17	-	-	12	-	-	-
WSP2024e_SV217	SV217	1.5	09 May 2024	SV217	Normal	DU11	DU17	-	-	-	-	-	-	4.1	-	-	-
WSP2025e_SV217	SV217	1.5	05 Nov 2024	SV217_1.5	Normal	DU11	DU17	-	-	-	-	-	-	7.5	-	-	-
WSP2025fOG24_SVB49	SVB49	0.8	11 Oct 2024	SPU24_SVB49	Normal	DU11	DU17	-	-	-	3,000	-	-	160,000	-	-	-
WSP2025fOG24_SVB50	SVB50	0.8	10 Oct 2024	SPU24_SVB50	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB51	SVB51	0.8	10 Oct 2024	SPU24_SVB51	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB52	SVB52	0.8	11 Oct 2024	SPU24_SVB52	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025fOG24_SVB53	SVB53	0.8	11 Oct 2024	SPU24_SVB53	Normal	DU11	DU17	-	-	-	-	-	-	4.1	-	-	-
WSP2025fOG24_SVB54	SVB54	0.8	11 Oct 2024	SPU24_SVB54	Normal	DU11	DU17	-	-	-	160	-	-	680	-	-	-
WSP2025fOG24_SVB55	SVB55	0.8	11 Oct 2024	SPU24_SVB55	Normal	DU11	DU17	-	-	-	-	-	-	110	-	-	-
WSP2025fOG24_SVB56	SVB56	0.8	11 Oct 2024	SPU24_SVB56	Normal	DU11	DU17	-	-	-	-	-	-	-	-	-	-
WSP2024e_SV218	SV218	1.3	09 May 2024	SV218	Normal	DU12	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV218	SV218	1.3	05 Nov 2024	SV218_1.3	Normal	DU12	DU17	-	-	-	-	-	-	-	-	-	-
WSP2024e_SV221	SV221	1.4	09 May 2024	SV221	Normal	DU12	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV221	SV221	1.4	05 Nov 2024	SV221_1.4	Normal	DU12	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV222	SV222	1.4	04 Nov 2024	SV222_1.4	Normal	DU12	DU17	-	-	-	-	-	-	-	-	-	-
WSP2025e_SV226	SV226	1.2	06 Nov 2024	SV226_1.2	Normal	DU12	DU17	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

T04 Soil Vapour Analytical Results

									Trihalomethanes	Fumigants		Oxygenated Compounds	Alcohols	Cycloalkanes		
								CHC Exceedance Flag	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2-Butanone (MEK)	2-Propanol	Ethylcyclopentane	Propylcyclohexane	Ethylcyclohexane
									µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	mg/m3	mg/m3
EQL									2	2	2	2	2	0.002	0.002	0.002
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000									
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**									
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03		-	-	<2	-	-	<0.002	<0.002	<0.002
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03		<2	<2	<2	<2	2	<0.002	<0.002	<0.002
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17		-	-	-	-	17	-	-	-
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03		-	-	<2	-	-	<0.002	<0.002	<0.002
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03		-	-	<2	-	-	<0.002	<0.002	<0.002
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	0.038
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	35	<0.002	<0.002	<0.002
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	210	<0.002	<0.002	<0.002
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	290	<0.002	<0.002	<0.002
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	0.048
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17		-	-	-	-	19	-	-	-
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17		-	-	-	-	14	-	0.0022	0.019
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03		-	-	<2	-	-	<0.002	<0.002	<0.002
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03		-	-	<2	-	-	<0.002	<0.002	<0.002
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	5	<0.002	<0.002	<0.002
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	11	<0.002	<0.002	<0.002
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	290	<0.002	<0.002	<0.002
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	89	<0.002	<0.002	<0.002
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	46	<0.002	<0.002	<0.002
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	26	<0.002	<0.002	<0.002
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17		-	-	-	-	33	-	-	-
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03		-	-	<2	-	-	<0.002	<0.002	<0.002
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03		-	-	<2	-	-	<0.002	<0.002	<0.002
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	220	<0.002	<0.002	<0.002
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	220	<0.002	<0.002	<0.002
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03		<2	<2	<2	<2	59	<0.002	<0.002	<0.002
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03		<2	<2	<2	<2	32	<0.002	<0.002	0.002
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17		-	-	-	-	9.6	-	-	-
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17		-	-	-	-	34	-	-	-
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03		<2	<2	<2	<2	<2	<0.002	<0.002	<0.002
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17		-	-	-	-	19	-	-	-
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17		2	2	2	2	2	0.002	0.002	0.002
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17		<40	<40	<40	<40	<40	<0.04	<0.04	1,600
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17		<100	<100	<100	<100	390	<0.1	57	2,100
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17		-	-	-	-	6.9	0.0089	-	0.0092
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17		<20	<20	<20	<20	55	320	81	4,300
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17		-	-	-	-	-	0.0051	-	0.0066
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17		<40	<40	<40	<40	<40	1,200	180	5,700
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17		-	-	-	-	82	-	-	-
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17		-	-	-	-	5.5	0.0059	-	-
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17		-	-	-	-	-	0.009	-	0.0027
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	1	95	<20	<20	<20	<20	5,500	30	1,100
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	1	<20	<20	<20	<20	<20	3,900	13	620
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	1	<20	<20	<20	<20	<20	1,300	76	7,200
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17		<20	<20	<20	<20	<20	1,700	90	4,400
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17		-	-	-	-	2.8	-	-	-

T04 Soil Vapour Analytical Results

									Trihalomethanes	Fumigants		Oxygenated Compounds	Alcohols	Cycloalkanes		
								CHC Exceedance Flag	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2-Butanone (MEK)	2-Propanol	Ethylcyclopentane	Propylcyclohexane	Ethylcyclohexane
									µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	mg/m3	mg/m3
EQL									2	2	2	2	2	0.002	0.002	0.002
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000									
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**									
WSP2025fSPU24_SVB02	SVB02	0.9	08 Oct 2024	SPU24_SVB02	Normal	DU10	DU17		-	-	-	-	3.1	0.0021	-	-
WSP2025fSPU24_SVB03	SVB03	0.8	08 Oct 2024	SPU24_SVB03	Normal	DU10	DU17		2.5	-	-	-	82	0.0084	0.0021	0.0067
WSP2025fSPU24_SVB04	SVB04	0.8	08 Oct 2024	SPU24_SVB04	Normal	DU10	DU17		-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB05	SVB05	0.8	08 Oct 2024	SPU24_SVB05	Normal	DU10	DU17		-	-	-	-	53	-	-	-
WSP2025fSPU24_SVB06	SVB06	0.8	08 Oct 2024	SPU24_SVB06	Normal	DU10	DU17		2.8	-	-	-	-	0.026	-	0.0097
WSP2025fSPU24_SVB07	SVB07	0.7	08 Oct 2024	SPU24_SVB07	Normal	DU10	DU17		-	-	-	-	6.2	0.0062	-	0.0029
WSP2025fSPU24_SVB08	SVB08	0.9	08 Oct 2024	SPU24_SVB08	Normal	DU10	DU17		2.8	-	-	-	-	0.026	-	0.0097
WSP2025fSPU24_SVB09	SVB09	0.7	08 Oct 2024	SPU24_SVB09	Normal	DU10	DU17		-	-	-	-	54	-	-	-
WSP2025fSPU24_SVB10	SVB10	0.7	08 Oct 2024	SPU24_SVB10	Normal	DU10	DU17		<20	<20	<20	<20	1,500	<0.02	0.91	<0.02
WSP2025fSPU24_SVB11	SVB11	0.7	08 Oct 2024	SPU24_SVB11	Normal	DU10	DU17		<20	<20	<20	<20	<20	0.1	<0.02	<0.02
WSP2025fSPU24_SVB12	SVB12	0.8	08 Oct 2024	SPU24_SVB12	Normal	DU10	DU17		-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB13	SVB13	0.8	08 Oct 2024	SPU24_SVB13	Normal	DU10	DU17		-	-	-	6.5	32	-	-	-
WSP2025fSPU24_SVB14	SVB14	0.8	08 Oct 2024	SPU24_SVB14	Normal	DU10	DU17		-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB15	SVB15	0.7	08 Oct 2024	SPU24_SVB15	Normal	DU10	DU17		-	-	-	-	9	-	-	-
WSP2025fSPU24_SVB16	SVB16	0.7	08 Oct 2024	SPU24_SVB16	Normal	DU10	DU17		-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB17	SVB17	0.7	08 Oct 2024	SPU24_SVB17	Normal	DU10	DU17		-	-	-	-	5	-	-	-
WSP2025fSPU24_SVB18	SVB18	0.7	08 Oct 2024	SPU24_SVB18	Normal	DU10	DU17		-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB19	SVB19	0.7	09 Oct 2024	SPU24_SVB19	Normal	DU10	DU17		-	-	-	-	230	-	-	-
WSP2025fSPU24_SVB20	SVB20	0.8	09 Oct 2024	SPU24_SVB20	Normal	DU10	DU17		-	-	-	-	-	0.33	0.044	0.18
WSP2025fSPU24_SVB21	SVB21	0.8	09 Oct 2024	SPU24_SVB21	Normal	DU10	DU17		-	-	-	-	-	0.018	0.18	-
WSP2025fSPU24_SVB22	SVB22	0.8	09 Oct 2024	SPU24_SVB22	Normal	DU10	DU17		11	-	-	-	8.7	0.04	-	-
WSP2025fSPU24_SVB23	SVB23	0.8	09 Oct 2024	SPU24_SVB23	Normal	DU10	DU17		-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB24	SVB24	0.8	09 Oct 2024	SPU24_SVB24	Normal	DU10	DU17		2.2	-	-	-	100	-	-	-
WSP2025fSPU24_SVB25	SVB25	0.7	09 Oct 2024	SPU24_SVB25	Normal	DU10	DU17		-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB26	SVB26	0.8	09 Oct 2024	SPU24_SVB26	Normal	DU10	DU17		<20	<20	<20	<20	<20	32	8.1	180
WSP2025fSPU24_SVB27	SVB27	0.8	09 Oct 2024	SPU24_SVB27	Normal	DU10	DU17		<20	<20	<20	<20	<20	14	17	230
WSP2025fSPU24_SVB28	SVB28	0.7	09 Oct 2024	SPU24_SVB28	Normal	DU10	DU17		-	-	-	-	2.3	-	-	-
WSP2025fSPU24_SVB29	SVB29	0.8	08 Oct 2024	SPU24_SVB29	Normal	DU10	DU17		33	-	-	-	-	-	-	-
WSP2025fSPU24_SVB30	SVB30	0.8	09 Oct 2024	SPU24_SVB30	Normal	DU10	DU17		-	-	-	-	40	-	-	-
WSP2025fSPU24_SVB31	SVB31	0.75	09 Oct 2024	SPU24_SVB31	Normal	DU10	DU17		-	-	-	-	7.5	0.0057	-	-
WSP2025fSPU24_SVB32	SVB32	0.45	09 Oct 2024	SPU24_SVB32	Normal	DU10	DU17		-	-	-	-	27	0.0098	-	-
WSP2025fSPU24_SVB33	SVB33	0.45	09 Oct 2024	SPU24_SVB33	Normal	DU10	DU17		-	-	-	-	-	0.37	-	0.085
WSP2025fSPU24_SVB34	SVB34	0.8	10 Oct 2024	SPU24_SVB34	Normal	DU10	DU17		2.2	-	-	-	-	-	-	-
WSP2025fSPU24_SVB35	SVB35	0.8	09 Oct 2024	SPU24_SVB35	Normal	DU10	DU17		460	<20	<20	<20	610	11	0.08	<0.02
WSP2025fSPU24_SVB36	SVB36	0.8	10 Oct 2024	SPU24_SVB36	Normal	DU10	DU17	1	<20	<20	<20	<20	<20	1,100	17	370
WSP2025fSPU24_SVB37	SVB37	0.8	10 Oct 2024	SPU24_SVB37	Normal	DU10	DU17		<20	<20	<20	<20	99	300	19	660
WSP2025fSPU24_SVB38	SVB38	0.8	10 Oct 2024	SPU24_SVB38	Normal	DU10	DU17		-	-	-	-	-	0.041	-	0.0097
WSP2025fSPU24_SVB39	SVB39	0.8	10 Oct 2024	SPU24_SVB39	Normal	DU10	DU17		-	-	-	-	44	-	-	-
WSP2025fSPU24_SVB40	SVB40	0.8	10 Oct 2024	SPU24_SVB40	Normal	DU10	DU17		-	-	-	-	-	0.013	-	-
WSP2025fSPU24_SVB41	SVB41	0.8	10 Oct 2024	SPU24_SVB41	Normal	DU10	DU17		<20	<20	<20	<20	<20	<0.02	29	<0.02
WSP2025fSPU24_SVB42	SVB42	0.8	10 Oct 2024	SPU24_SVB42	Normal	DU10	DU17		440	<20	<20	<20	<20	<0.02	<0.02	<0.02
WSP2025fSPU24_SVB43	SVB43	0.8	10 Oct 2024	SPU24_SVB43	Normal	DU10	DU17		81	<20	<20	<20	120	3.8	81	<0.02
WSP2025fSPU24_SVB44	SVB44	0.8	10 Oct 2024	SPU24_SVB44	Normal	DU10	DU17		2,100	<20	<20	<20	<20	<0.02	<0.02	<0.02
WSP2025fSPU24_SVB45	SVB45	0.75	10 Oct 2024	SPU24_SVB45	Normal	DU10	DU17		190	<20	<20	<20	<20	<0.02	79	<0.02
WSP2025fSPU24_SVB46	SVB46	0.8	10 Oct 2024	SPU24_SVB46	Normal	DU10	DU17	1	2,800	<20	<20	<20	<20	<0.02	2.2	<0.02
WSP2025fSPU24_SVB47	SVB47	0.8	10 Oct 2024	SPU24_SVB47	Normal	DU10	DU17		150	<20	<20	<20	<20	<0.02	<0.02	<0.02
WSP2025fSPU24_SVB48	SVB48	0.8	10 Oct 2024	SPU24_SVB48	Normal	DU10	DU17		2.5	-	-	-	-	-	-	-
WSP2024a_SV207	SV207	1	13 Nov 2023	SV207_1.0	Normal	DU11	DU17		2	2	2	2	21	0.002	0.002	0.002
WSP2024e_SV207	SV207	1	09 May 2024	SV207_1.0	Normal	DU11	DU17		-	-	-	-	29	-	-	-
WSP2025fSV207	SV207	1	11 Oct 2024	SV207	Normal	DU11	DU17		-	-	-	-	1,100	-	0.015	0.14
WSP2025e_SV207	SV207	1	05 Nov 2024	SV207_1.0	Normal	DU11	DU17		-	-	-	-	3.8	-	-	-
WSP2024a_SV208	SV208	1	13 Nov 2023	SV208_1.0	Normal	DU11	DU17	1	2	2	2	2	2	0.002	0.002	0.053
WSP2024e_SV208	SV208	1	09 May 2024	SV208_1.0	Normal	DU11	DU17	1	-	-	-	-	23	-	-	0.0084

T04 Soil Vapour Analytical Results

									Trihalomethanes	Fumigants		Oxygenated Compounds	Alcohols	Cycloalkanes		
								CHC Exceedance Flag	Trichloromethane (Chloroform)	1,2-Dibromoethane (EDB)	1,2-Dichloropropane	2-Butanone (MEK)	2-Propanol	Ethylcyclopentane	Propylcyclohexane	Ethylcyclohexane
									µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	mg/m3	mg/m3
EQL									2	2	2	2	2	0.002	0.002	0.002
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000									
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**									
WSP2025fSV208	**SV208**	**1**	**11 Oct 2024**	**SV208**	**Normal**	**DU11**	**DU17**	1	-	-	-	-	340	0.012	0.016	0.017
WSP2025e_ SV208	**SV208**	**1**	**05 Nov 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	1	-	-	-	-	-	0.052	0.037	0.029
WSP2024e_SV217	**SV217**	**1.5**	**09 May 2024**	**SV217**	**Normal**	**DU11**	**DU17**		-	-	-	-	53	-	-	-
WSP2025e_SV217	**SV217**	**1.5**	**05 Nov 2024**	**SV217_1.5**	**Normal**	**DU11**	**DU17**		-	-	-	-	410	-	-	-
WSP2025fOG24_SVB49	**SVB49**	**0.8**	**11 Oct 2024**	**SPU24_SVB49**	**Normal**	**DU11**	**DU17**	1	6.1	-	-	-	14	-	-	-
WSP2025fOG24_SVB50	**SVB50**	**0.8**	**10 Oct 2024**	**SPU24_SVB50**	**Normal**	**DU11**	**DU17**		-	-	-	-	110	-	-	-
WSP2025fOG24_SVB51	**SVB51**	**0.8**	**10 Oct 2024**	**SPU24_SVB51**	**Normal**	**DU11**	**DU17**		2.5	-	-	-	32	-	-	-
WSP2025fOG24_SVB52	**SVB52**	**0.8**	**11 Oct 2024**	**SPU24_SVB52**	**Normal**	**DU11**	**DU17**		-	-	-	-	-	-	-	-
WSP2025fOG24_SVB53	**SVB53**	**0.8**	**11 Oct 2024**	**SPU24_SVB53**	**Normal**	**DU11**	**DU17**		-	-	-	-	-	-	-	-
WSP2025fOG24_SVB54	**SVB54**	**0.8**	**11 Oct 2024**	**SPU24_SVB54**	**Normal**	**DU11**	**DU17**	1	3.1	-	-	-	100	-	-	-
WSP2025fOG24_SVB55	**SVB55**	**0.8**	**11 Oct 2024**	**SPU24_SVB55**	**Normal**	**DU11**	**DU17**		-	-	-	-	-	-	-	-
WSP2025fOG24_SVB56	**SVB56**	**0.8**	**11 Oct 2024**	**SPU24_SVB56**	**Normal**	**DU11**	**DU17**		-	-	-	-	30	-	-	-
WSP2024e_SV218	**SV218**	**1.3**	**09 May 2024**	**SV218**	**Normal**	**DU12**	**DU17**		-	-	-	-	110	-	-	-
WSP2025e_SV218	**SV218**	**1.3**	**05 Nov 2024**	**SV218_1.3**	**Normal**	**DU12**	**DU17**		3.4	-	-	-	160	-	-	0.0026
WSP2024e_SV221	**SV221**	**1.4**	**09 May 2024**	**SV221**	**Normal**	**DU12**	**DU17**		-	-	-	-	120	-	0.063	0.34
WSP2025e_SV221	**SV221**	**1.4**	**05 Nov 2024**	**SV221_1.4**	**Normal**	**DU12**	**DU17**		-	-	-	-	26	1.5	0.052	0.17
WSP2025e_SV222	**SV222**	**1.4**	**04 Nov 2024**	**SV222_1.4**	**Normal**	**DU12**	**DU17**		-	-	-	-	4.2	-	-	-
WSP2025e_SV226	**SV226**	**1.2**	**06 Nov 2024**	**SV226_1.2**	**Normal**	**DU12**	**DU17**		<20	<20	<20	<20	52	39	0.6	0.35

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

T04 Soil Vapour Analytical Results

								iso-Alkanes	VOCs	Un-assigned										Vo	
								2,2,4-Trimethylpentane	2-Chloro-1,3-butadiene	Dodecane	Methylcyclohexane	Nonane	Tetradecane	Tridecane	Undecane	Pentane	Decane
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	mg/m3	µg/m3	µg/m3
EQL								2	2	2	2	2	2	0.002	0.002	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																	
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03	-	<2	<2	<2	<2	<2	<0.002	0.011	<2	<2
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	5	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17	-	-	5.1	-	-	-	-	0.0035	-	3.1
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03	-	<2	34	<2	130	<2	<0.002	0.016	<2	<2
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03	-	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03	10	<2	<2	54	9	<2	<0.002	0.014	130	<2
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	9	<2
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03	10	<2	<2	50	15	<2	<0.002	0.002	89	8
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17	3.8	-	10	8.1	-	-	-	0.0072	170	6.6
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17	11	-	5.9	33	3.1	-	-	0.0046	170	4.6
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03	-	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03	-	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	6
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	9	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17	-	-	11	-	-	-	-	0.0071	-	7.4
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03	-	<2	<2	<2	<2	<2	<0.002	0.016	<2	<2
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03	-	<2	<2	<2	<2	<2	<0.002	0.012	<2	<2
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17	-	-	4.3	-	-	-	-	0.003	-	2.8
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17	-	-	9.5	-	-	-	-	0.0061	-	7.2
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03	<2	<2	<2	<2	<2	<2	<0.002	<0.002	<2	<2
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17	-	-	9.5	-	-	-	-	0.0072	15	5.2
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17	21	2	150	35	2	9	0.076	0.039	3	7
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17	30,000	<40	<40	4,300,000	<40	<40	<0.04	<0.04	2,700	<40
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17	490,000	<100	<100	15,000,000	<100	<100	<0.1	<0.1	17,000	<100
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17	-	-	5.4	51	-	-	-	-	9.9	-
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17	290,000	<20	55	22,000,000	<20	<20	<0.02	<0.02	7,700	<20
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17	2.3	-	7.3	37	-	-	-	0.0041	4.2	3.2
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17	660,000	<40	<40	30,000,000	<40	<40	<0.04	<0.04	11,000	<40
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17	3.8	-	9.1	11	-	-	-	0.0091	87	8.6
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17	4.8	-	11	20	-	2.9	0.0025	-	120	-
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17	7.5	-	5	33	-	-	-	0.004	110	3.1
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	460,000	<20	58	26,000,000	39,000	<20	<0.02	-	1,400,000	890
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	300,000	<20	<20	15,000,000	19,000	<20	<0.02	<0.02	660,000	230
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	240,000	<20	<20	30,000,000	<20	<20	<0.02	<0.02	4,100	<20
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17	200,000	<20	<20	18,000,000	<20	<20	<0.02	<0.02	3,200	<20
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17	-	-	4.7	-	-	-	-	0.0035	-	-

T04 Soil Vapour Analytical Results

								iso-Alkanes	VOCs	Un-assigned								Vo	
								2,2,4-Trimethylpentane	2-Chloro-1,3-butadiene	Dodecane	Methylcyclohexane	Nonane	Tetradecane	Tridecane	Undecane	Pentane	Decane
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	mg/m3	µg/m3	µg/m3
EQL								2	2	2	2	2	2	0.002	0.002	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000										
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																	
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**										
WSP2025fSPU24_SVB02	**SVB02**	**0.9**	**08 Oct 2024**	**SPU24_SVB02**	**Normal**	**DU10**	**DU17**	-	-	6	9.7	-	-	-	-	17	-
WSP2025fSPU24_SVB03	**SVB03**	**0.8**	**08 Oct 2024**	**SPU24_SVB03**	**Normal**	**DU10**	**DU17**	17	-	-	27	22	-	-	-	76	9
WSP2025fSPU24_SVB04	**SVB04**	**0.8**	**08 Oct 2024**	**SPU24_SVB04**	**Normal**	**DU10**	**DU17**	110	-	9.8	26	-	-	-	-	500	-
WSP2025fSPU24_SVB05	**SVB05**	**0.8**	**08 Oct 2024**	**SPU24_SVB05**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	19	-
WSP2025fSPU24_SVB06	**SVB06**	**0.8**	**08 Oct 2024**	**SPU24_SVB06**	**Normal**	**DU10**	**DU17**	2.9	-	7.9	120	-	-	-	-	250	-
WSP2025fSPU24_SVB07	**SVB07**	**0.7**	**08 Oct 2024**	**SPU24_SVB07**	**Normal**	**DU10**	**DU17**	2.4	-	-	44	-	-	-	-	110	-
WSP2025fSPU24_SVB08	**SVB08**	**0.9**	**08 Oct 2024**	**SPU24_SVB08**	**Normal**	**DU10**	**DU17**	2.9	-	7.9	120	-	-	-	-	250	-
WSP2025fSPU24_SVB09	**SVB09**	**0.7**	**08 Oct 2024**	**SPU24_SVB09**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB10	**SVB10**	**0.7**	**08 Oct 2024**	**SPU24_SVB10**	**Normal**	**DU10**	**DU17**	3,700	<20	<20	390	<20	<20	<0.02	<0.02	79	<20
WSP2025fSPU24_SVB11	**SVB11**	**0.7**	**08 Oct 2024**	**SPU24_SVB11**	**Normal**	**DU10**	**DU17**	<20	<20	<20	590	<20	<20	<0.02	<0.02	<20	<20
WSP2025fSPU24_SVB12	**SVB12**	**0.8**	**08 Oct 2024**	**SPU24_SVB12**	**Normal**	**DU10**	**DU17**	-	-	8.2	-	-	-	-	-	-	-
WSP2025fSPU24_SVB13	**SVB13**	**0.8**	**08 Oct 2024**	**SPU24_SVB13**	**Normal**	**DU10**	**DU17**	2	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB14	**SVB14**	**0.8**	**08 Oct 2024**	**SPU24_SVB14**	**Normal**	**DU10**	**DU17**	-	-	6.5	-	-	-	-	-	-	-
WSP2025fSPU24_SVB15	**SVB15**	**0.7**	**08 Oct 2024**	**SPU24_SVB15**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB16	**SVB16**	**0.7**	**08 Oct 2024**	**SPU24_SVB16**	**Normal**	**DU10**	**DU17**	-	-	6.4	8.7	-	-	-	-	-	-
WSP2025fSPU24_SVB17	**SVB17**	**0.7**	**08 Oct 2024**	**SPU24_SVB17**	**Normal**	**DU10**	**DU17**	-	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB18	**SVB18**	**0.7**	**08 Oct 2024**	**SPU24_SVB18**	**Normal**	**DU10**	**DU17**	-	-	8.1	-	-	-	-	-	-	-
WSP2025fSPU24_SVB19	**SVB19**	**0.7**	**09 Oct 2024**	**SPU24_SVB19**	**Normal**	**DU10**	**DU17**	-	-	7.2	5	-	-	-	-	14	-
WSP2025fSPU24_SVB20	**SVB20**	**0.8**	**09 Oct 2024**	**SPU24_SVB20**	**Normal**	**DU10**	**DU17**	25	-	27	580	42	4.5	0.0044	0.023	270	3.9
WSP2025fSPU24_SVB21	**SVB21**	**0.8**	**09 Oct 2024**	**SPU24_SVB21**	**Normal**	**DU10**	**DU17**	160	-	4.5	110	-	-	-	-	100	-
WSP2025fSPU24_SVB22	**SVB22**	**0.8**	**09 Oct 2024**	**SPU24_SVB22**	**Normal**	**DU10**	**DU17**	1,600	-	24	230	-	-	-	0.03	300	-
WSP2025fSPU24_SVB23	**SVB23**	**0.8**	**09 Oct 2024**	**SPU24_SVB23**	**Normal**	**DU10**	**DU17**	-	-	9.7	-	-	2.6	0.0025	-	-	-
WSP2025fSPU24_SVB24	**SVB24**	**0.8**	**09 Oct 2024**	**SPU24_SVB24**	**Normal**	**DU10**	**DU17**	-	-	4.3	-	-	-	-	0.0029	-	2.3
WSP2025fSPU24_SVB25	**SVB25**	**0.7**	**09 Oct 2024**	**SPU24_SVB25**	**Normal**	**DU10**	**DU17**	-	-	13	-	-	-	0.0027	-	-	-
WSP2025fSPU24_SVB26	**SVB26**	**0.8**	**09 Oct 2024**	**SPU24_SVB26**	**Normal**	**DU10**	**DU17**	7,200	<20	<20	490,000	<20	<20	<0.02	<0.02	100	<20
WSP2025fSPU24_SVB27	**SVB27**	**0.8**	**09 Oct 2024**	**SPU24_SVB27**	**Normal**	**DU10**	**DU17**	14,000	<20	<20	310,000	<20	<20	<0.02	<0.02	56	<20
WSP2025fSPU24_SVB28	**SVB28**	**0.7**	**09 Oct 2024**	**SPU24_SVB28**	**Normal**	**DU10**	**DU17**	-	-	30	-	-	4	0.0052	0.028	-	-
WSP2025fSPU24_SVB29	**SVB29**	**0.8**	**08 Oct 2024**	**SPU24_SVB29**	**Normal**	**DU10**	**DU17**	2.2	-	-	-	-	-	-	-	-	-
WSP2025fSPU24_SVB30	**SVB30**	**0.8**	**09 Oct 2024**	**SPU24_SVB30**	**Normal**	**DU10**	**DU17**	-	-	30	-	-	4.1	0.0041	0.034	-	4
WSP2025fSPU24_SVB31	**SVB31**	**0.75**	**09 Oct 2024**	**SPU24_SVB31**	**Normal**	**DU10**	**DU17**	-	-	11	71	-	-	-	0.0021	32	4.8
WSP2025fSPU24_SVB32	**SVB32**	**0.45**	**09 Oct 2024**	**SPU24_SVB32**	**Normal**	**DU10**	**DU17**	25	-	30	30	-	4.6	0.0053	0.027	41	2.2
WSP2025fSPU24_SVB33	**SVB33**	**0.45**	**09 Oct 2024**	**SPU24_SVB33**	**Normal**	**DU10**	**DU17**	130	-	12	2,500	-	-	0.0036	-	390	-
WSP2025fSPU24_SVB34	**SVB34**	**0.8**	**10 Oct 2024**	**SPU24_SVB34**	**Normal**	**DU10**	**DU17**	-	-	21	11	-	-	-	0.016	8.5	-
WSP2025fSPU24_SVB35	**SVB35**	**0.8**	**09 Oct 2024**	**SPU24_SVB35**	**Normal**	**DU10**	**DU17**	10,000	<20	48	72,000	<20	<20	<0.02	0.043	860	<20
WSP2025fSPU24_SVB36	**SVB36**	**0.8**	**10 Oct 2024**	**SPU24_SVB36**	**Normal**	**DU10**	**DU17**	130,000	<20	95	8,100,000	1,300	<20	<0.02	0.079	2,800	<20
WSP2025fSPU24_SVB37	**SVB37**	**0.8**	**10 Oct 2024**	**SPU24_SVB37**	**Normal**	**DU10**	**DU17**	110,000	<20	<20	12,000,000	<20	<20	<0.02	<0.02	1,700	<20
WSP2025fSPU24_SVB38	**SVB38**	**0.8**	**10 Oct 2024**	**SPU24_SVB38**	**Normal**	**DU10**	**DU17**	3	-	16	190	-	2.2	-	0.011	2	-
WSP2025fSPU24_SVB39	**SVB39**	**0.8**	**10 Oct 2024**	**SPU24_SVB39**	**Normal**	**DU10**	**DU17**	-	-	15	2.3	-	3.3	0.0045	-	-	-
WSP2025fSPU24_SVB40	**SVB40**	**0.8**	**10 Oct 2024**	**SPU24_SVB40**	**Normal**	**DU10**	**DU17**	2.7	-	27	70	-	4.1	0.0055	0.016	2.7	-
WSP2025fSPU24_SVB41	**SVB41**	**0.8**	**10 Oct 2024**	**SPU24_SVB41**	**Normal**	**DU10**	**DU17**	16,000	<20	<20	1,300	<20	<20	<0.02	<0.02	890	<20
WSP2025fSPU24_SVB42	**SVB42**	**0.8**	**10 Oct 2024**	**SPU24_SVB42**	**Normal**	**DU10**	**DU17**	64,000	<20	<20	1,000	<20	<20	<0.02	0.05	1,600	<20
WSP2025fSPU24_SVB43	**SVB43**	**0.8**	**10 Oct 2024**	**SPU24_SVB43**	**Normal**	**DU10**	**DU17**	63,000	<20	<20	1,400	<20	<20	<0.02	<0.02	500	<20
WSP2025fSPU24_SVB44	**SVB44**	**0.8**	**10 Oct 2024**	**SPU24_SVB44**	**Normal**	**DU10**	**DU17**	85,000	<20	<20	810	<20	<20	<0.02	0.097	3,500	<20
WSP2025fSPU24_SVB45	**SVB45**	**0.75**	**10 Oct 2024**	**SPU24_SVB45**	**Normal**	**DU10**	**DU17**	69,000	<20	<20	1,200	<20	<20	<0.02	<0.02	3,100	<20
WSP2025fSPU24_SVB46	**SVB46**	**0.8**	**10 Oct 2024**	**SPU24_SVB46**	**Normal**	**DU10**	**DU17**	130,000	<20	67	770	<20	<20	<0.02	0.11	7,200	<20
WSP2025fSPU24_SVB47	**SVB47**	**0.8**	**10 Oct 2024**	**SPU24_SVB47**	**Normal**	**DU10**	**DU17**	11,000	<20	<20	2,000	<20	<20	<0.02	<0.02	<20	<20
WSP2025fSPU24_SVB48	**SVB48**	**0.8**	**10 Oct 2024**	**SPU24_SVB48**	**Normal**	**DU10**	**DU17**	160	-	54	-	-	6.9	0.0085	0.062	56	7.3
WSP2024a_SV207	**SV207**	**1**	**13 Nov 2023**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	2	2	64	2	2	3	0.024	0.028	2	7
WSP2024e_SV207	**SV207**	**1**	**09 May 2024**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	-	-	10	3.7	-	-	-	0.0051	-	4.2
WSP2025fSV207	**SV207**	**1**	**11 Oct 2024**	**SV207**	**Normal**	**DU11**	**DU17**	6.4	-	21	370	-	9	0.0049	0.016	-	-
WSP2025e_SV207	**SV207**	**1**	**05 Nov 2024**	**SV207_1.0**	**Normal**	**DU11**	**DU17**	-	-	9.3	2.2	-	2.8	-	0.0062	-	6.2
WSP2024a_SV208	**SV208**	**1**	**13 Nov 2023**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	610	2	180	83	2	11	0.086	0.069	200	14
WSP2024e_SV208	**SV208**	**1**	**09 May 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	410	-	6.4	39	-	-	-	0.0049	190	4.6

T04 Soil Vapour Analytical Results

								iso-Alkanes	VOCs	Un-assigned										Vo	
								2,2,4-Trimethylpentane	2-Chloro-1,3-butadiene	Dodecane	Methylcyclohexane	Nonane	Tetradecane	Tridecane	Undecane	Pentane	Decane				
								µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	mg/m3	µg/m3	µg/m3				
EQL								2	2	2	2	2	2	0.002	0.002	2	2				
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000														
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																					
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**														
WSP2025fSV208	**SV208**	**1**	**11 Oct 2024**	**SV208**	**Normal**	**DU11**	**DU17**	240	-	30	28	-	13	0.0045	0.048	98	-				
WSP2025e_ SV208	**SV208**	**1**	**05 Nov 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	350	-	-	46	-	-	-	0.0068	91	-				
WSP2024e_SV217	**SV217**	**1.5**	**09 May 2024**	**SV217**	**Normal**	**DU11**	**DU17**	-	-	9.7	7.1	-	-	-	0.0074	-	6.7				
WSP2025e_SV217	**SV217**	**1.5**	**05 Nov 2024**	**SV217_1.5**	**Normal**	**DU11**	**DU17**	-	-	7.4	-	-	-	-	0.007	-	6.7				
WSP2025fOG24_SVB49	**SVB49**	**0.8**	**11 Oct 2024**	**SPU24_SVB49**	**Normal**	**DU11**	**DU17**	-	-	44	-	-	11	0.0058	0.064	-	7.9				
WSP2025fOG24_SVB50	**SVB50**	**0.8**	**10 Oct 2024**	**SPU24_SVB50**	**Normal**	**DU11**	**DU17**	-	-	14	-	-	2.5	0.0028	0.0031	-	6.4				
WSP2025fOG24_SVB51	**SVB51**	**0.8**	**10 Oct 2024**	**SPU24_SVB51**	**Normal**	**DU11**	**DU17**	-	-	23	-	-	3.5	0.0028	0.015	-	-				
WSP2025fOG24_SVB52	**SVB52**	**0.8**	**11 Oct 2024**	**SPU24_SVB52**	**Normal**	**DU11**	**DU17**	-	-	28	-	2.1	-	0.0038	0.0071	-	11				
WSP2025fOG24_SVB53	**SVB53**	**0.8**	**11 Oct 2024**	**SPU24_SVB53**	**Normal**	**DU11**	**DU17**	-	-	64	-	-	13	0.0093	0.064	-	6.4				
WSP2025fOG24_SVB54	**SVB54**	**0.8**	**11 Oct 2024**	**SPU24_SVB54**	**Normal**	**DU11**	**DU17**	-	-	27	-	2	7.5	0.0059	0.0061	-	8.9				
WSP2025fOG24_SVB55	**SVB55**	**0.8**	**11 Oct 2024**	**SPU24_SVB55**	**Normal**	**DU11**	**DU17**	-	-	37	-	-	8.7	0.0051	0.021	-	-				
WSP2025fOG24_SVB56	**SVB56**	**0.8**	**11 Oct 2024**	**SPU24_SVB56**	**Normal**	**DU11**	**DU17**	-	-	22	-	-	4.9	0.0055	0.0051	-	7.7				
WSP2024e_SV218	**SV218**	**1.3**	**09 May 2024**	**SV218**	**Normal**	**DU12**	**DU17**	-	-	8.3	7.6	-	-	-	0.0046	-	-				
WSP2025e_SV218	**SV218**	**1.3**	**05 Nov 2024**	**SV218_1.3**	**Normal**	**DU12**	**DU17**	-	-	12	3.6	-	-	-	0.0096	-	11				
WSP2024e_SV221	**SV221**	**1.4**	**09 May 2024**	**SV221**	**Normal**	**DU12**	**DU17**	3,000	-	21	890	60	-	-	0.018	2,600	26				
WSP2025e_SV221	**SV221**	**1.4**	**05 Nov 2024**	**SV221_1.4**	**Normal**	**DU12**	**DU17**	2,300	-	6.5	1,200	36	-	-	0.0082	670	20				
WSP2025e_SV222	**SV222**	**1.4**	**04 Nov 2024**	**SV222_1.4**	**Normal**	**DU12**	**DU17**	-	-	6.7	-	-	2	-	0.0052	-	5.5				
WSP2025e_SV226	**SV226**	**1.2**	**06 Nov 2024**	**SV226_1.2**	**Normal**	**DU12**	**DU17**	570,000	<20	<20	5,300	<20	<20	<0.02	<0.02	5,800	<20				

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

T04 Soil Vapour Analytical Results

								latile Aliphatic Hydrocarbons			
								Heptane	Hexane	Octane	Cyclohexane
								µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000				
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs											
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**				
WSP2023f_SV13	SV13	1	14 May 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	12 Nov 2020	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV13	SV13	1	26 Jun 2023	SV13_1.0 Dup	Field_D	DU03	DU03	<2	<2	<2	<2
WSP2024e_SV13	SV13	1	09 May 2024	SV13_1.0	Normal	DU03	DU17	-	-	-	-
WSP2023f_SV14	SV14	deep	14 May 2020	SV14 (deep)	Normal	DU03	DU03	63	23	190	<2
WSP2023f_SV14	SV14	shallow	14 May 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	12 Nov 2020	SV14 (deep)	Normal	DU03	DU03	30	50	41	23
WSP2023f_SV14	SV14	shallow	12 Nov 2020	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	28 Nov 2021	SV14 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV14	SV14	shallow	28 Nov 2021	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV14	SV14	deep	26 Jun 2023	SV14 (deep)	Normal	DU03	DU03	20	48	50	37
WSP2023f_SV14	SV14	shallow	26 Jun 2023	SV14 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2024e_SV14	SV14	1	09 May 2024	SV14_1.0	Normal	DU03	DU17	12	83	4	12
WSP2024e_SV14	SV14	1.5	09 May 2024	SV14_1.5	Normal	DU03	DU17	20	70	24	26
WSP2023f_SV15	SV15	deep	14 May 2020	SV15 (deep)	Normal	DU03	DU03	12	<2	<2	<2
WSP2023f_SV15	SV15	shallow	14 May 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	12 Nov 2020	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	12 Nov 2020	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	28 Nov 2021	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	28 Nov 2021	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV15	SV15	deep	26 Jun 2023	SV15 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV15	SV15	shallow	26 Jun 2023	SV15 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2024e_SV15	SV15	1	09 May 2024	SV15_1.0	Normal	DU03	DU17	-	-	-	-
WSP2023f_SV16	SV16	deep	14 May 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	14 May 2020	SV16 (shallow)	Normal	DU03	DU03	10	<2	<2	<2
WSP2023f_SV16	SV16	deep	12 Nov 2020	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	12 Nov 2020	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	28 Nov 2021	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	28 Nov 2021	SV16 (shallow)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV16	SV16	deep	26 Jun 2023	SV16 (deep)	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV16	SV16	shallow	26 Jun 2023	SV16 (shallow)	Normal	DU03	DU03	<2	<2	3	<2
WSP2024e_SV16	SV16	0.5	09 May 2024	SV16_0.5	Normal	DU03	DU17	-	-	-	-
WSP2023f_SV214	SV214	1	26 Jun 2023	SV214	Normal	DU03	DU03	<2	<2	<2	<2
WSP2024e_SV214	SV214	1	09 May 2024	SV214_1.0	Normal	DU03	DU17	-	-	-	-
WSP2023f_SV215	SV215	1	26 Jun 2023	SV215	Normal	DU03	DU03	<2	<2	<2	<2
WSP2023f_SV216	SV216	1	26 Jun 2023	SV216	Normal	DU03	DU03	<2	<2	<2	<2
WSP2024e_SV216	SV216	1	09 May 2024	SV216_1.0	Normal	DU03	DU17	-	-	-	-
WSP2024a_SV05	SV05	0.65	13 Nov 2023	SV05_0.65	Normal	DU10	DU17	2	2	2	7
WSP2024a_SV5	SV05	1.1	13 Nov 2023	SV5_1.1	Normal	DU10	DU17	<40	300	<40	75,000
WSP2024e_SV05	SV05	1.1	09 May 2024	SV05_1.1	Normal	DU10	DU17	<100	<100	<100	75,000
WSP2025fSV05	SV05	0.65	10 Oct 2024	SPU24_SV05_ 0.65m	Normal	DU10	DU17	8.2	8.6	-	15
WSP2025fSV05	SV05	1.1	10 Oct 2024	SPU24_SV05_ 1.1m	Normal	DU10	DU17	<20	<20	<20	81,000
WSP2025e_SV05	SV05	0.65	06 Nov 2024	SV05_0.65	Normal	DU10	DU17	3.2	4.6	-	11
WSP2025e_SV05	SV05	1.1	06 Nov 2024	SV05_1.1	Normal	DU10	DU17	<40	<40	<40	55,000
WSP2024e_SV223	SV223	1.5	09 May 2024	SV223	Normal	DU10	DU17	-	3.7	-	20
WSP2025fSV223	SV223	1.5	09 Oct 2024	SPU24_SV223	Normal	DU10	DU17	-	7.7	-	25
WSP2025e_SV223	SV223	1.5	06 Nov 2024	SV223_1.5	Normal	DU10	DU17	-	8.6	-	38
WSP2025fSV224	SV224	1.2	09 Oct 2024	SPU24_SVB224	Normal	DU10	DU17	250,000	130,000	220,000	9,000,000
WSP2025e_SV224	SV224	1.2	06 Nov 2024	SV224_1.2	Normal	DU10	DU17	160,000	80,000	130,000	5,200,000
WSP2025fSV225	SV225	1.5	09 Oct 2024	SV225	Normal	DU10	DU17	<20	<20	<20	91,000
WSP2025e_SV225	SV225	1.5	06 Nov 2024	SV225_1.5	Normal	DU10	DU17	<20	<20	<20	29,000
WSP2025fSPU24_SVB01	SVB01	0.9	08 Oct 2024	SPU24_SVB01	Normal	DU10	DU17	-	-	-	-

T04 Soil Vapour Analytical Results

								latile Aliphatic Hydrocarbons			
								Heptane	Hexane	Octane	Cyclohexane
								µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000				
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs											
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**				
WSP2025fSPU24_SVB02	SVB02	0.9	08 Oct 2024	SPU24_SVB02	Normal	DU10	DU17	-	8.4	-	5.6
WSP2025fSPU24_SVB03	SVB03	0.8	08 Oct 2024	SPU24_SVB03	Normal	DU10	DU17	42	21	46	13
WSP2025fSPU24_SVB04	SVB04	0.8	08 Oct 2024	SPU24_SVB04	Normal	DU10	DU17	-	29	-	53
WSP2025fSPU24_SVB05	SVB05	0.8	08 Oct 2024	SPU24_SVB05	Normal	DU10	DU17	-	2.5	-	2.9
WSP2025fSPU24_SVB06	SVB06	0.8	08 Oct 2024	SPU24_SVB06	Normal	DU10	DU17	2.5	100	-	88
WSP2025fSPU24_SVB07	SVB07	0.7	08 Oct 2024	SPU24_SVB07	Normal	DU10	DU17	2.3	30	-	36
WSP2025fSPU24_SVB08	SVB08	0.9	08 Oct 2024	SPU24_SVB08	Normal	DU10	DU17	2.5	100	-	88
WSP2025fSPU24_SVB09	SVB09	0.7	08 Oct 2024	SPU24_SVB09	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB10	SVB10	0.7	08 Oct 2024	SPU24_SVB10	Normal	DU10	DU17	<20	<20	<20	290
WSP2025fSPU24_SVB11	SVB11	0.7	08 Oct 2024	SPU24_SVB11	Normal	DU10	DU17	<20	<20	<20	1,000
WSP2025fSPU24_SVB12	SVB12	0.8	08 Oct 2024	SPU24_SVB12	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB13	SVB13	0.8	08 Oct 2024	SPU24_SVB13	Normal	DU10	DU17	5.7	7.4	2.3	-
WSP2025fSPU24_SVB14	SVB14	0.8	08 Oct 2024	SPU24_SVB14	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB15	SVB15	0.7	08 Oct 2024	SPU24_SVB15	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB16	SVB16	0.7	08 Oct 2024	SPU24_SVB16	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB17	SVB17	0.7	08 Oct 2024	SPU24_SVB17	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB18	SVB18	0.7	08 Oct 2024	SPU24_SVB18	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB19	SVB19	0.7	09 Oct 2024	SPU24_SVB19	Normal	DU10	DU17	-	4.5	-	5
WSP2025fSPU24_SVB20	SVB20	0.8	09 Oct 2024	SPU24_SVB20	Normal	DU10	DU17	210	220	99	91
WSP2025fSPU24_SVB21	SVB21	0.8	09 Oct 2024	SPU24_SVB21	Normal	DU10	DU17	-	10	-	64
WSP2025fSPU24_SVB22	SVB22	0.8	09 Oct 2024	SPU24_SVB22	Normal	DU10	DU17	9.4	63	-	120
WSP2025fSPU24_SVB23	SVB23	0.8	09 Oct 2024	SPU24_SVB23	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB24	SVB24	0.8	09 Oct 2024	SPU24_SVB24	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB25	SVB25	0.7	09 Oct 2024	SPU24_SVB25	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB26	SVB26	0.8	09 Oct 2024	SPU24_SVB26	Normal	DU10	DU17	<20	<20	<20	6,800
WSP2025fSPU24_SVB27	SVB27	0.8	09 Oct 2024	SPU24_SVB27	Normal	DU10	DU17	<20	<20	<20	980
WSP2025fSPU24_SVB28	SVB28	0.7	09 Oct 2024	SPU24_SVB28	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB29	SVB29	0.8	08 Oct 2024	SPU24_SVB29	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB30	SVB30	0.8	09 Oct 2024	SPU24_SVB30	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB31	SVB31	0.75	09 Oct 2024	SPU24_SVB31	Normal	DU10	DU17	-	8.7	-	42
WSP2025fSPU24_SVB32	SVB32	0.45	09 Oct 2024	SPU24_SVB32	Normal	DU10	DU17	-	2	-	17
WSP2025fSPU24_SVB33	SVB33	0.45	09 Oct 2024	SPU24_SVB33	Normal	DU10	DU17	5	26	-	590
WSP2025fSPU24_SVB34	SVB34	0.8	10 Oct 2024	SPU24_SVB34	Normal	DU10	DU17	-	2.8	-	4.7
WSP2025fSPU24_SVB35	SVB35	0.8	09 Oct 2024	SPU24_SVB35	Normal	DU10	DU17	<20	240	<20	14,000
WSP2025fSPU24_SVB36	SVB36	0.8	10 Oct 2024	SPU24_SVB36	Normal	DU10	DU17	14,000	14,000	5,300	2,700,000
WSP2025fSPU24_SVB37	SVB37	0.8	10 Oct 2024	SPU24_SVB37	Normal	DU10	DU17	<20	<20	<20	82,000
WSP2025fSPU24_SVB38	SVB38	0.8	10 Oct 2024	SPU24_SVB38	Normal	DU10	DU17	-	-	-	56
WSP2025fSPU24_SVB39	SVB39	0.8	10 Oct 2024	SPU24_SVB39	Normal	DU10	DU17	-	-	-	-
WSP2025fSPU24_SVB40	SVB40	0.8	10 Oct 2024	SPU24_SVB40	Normal	DU10	DU17	-	-	-	28
WSP2025fSPU24_SVB41	SVB41	0.8	10 Oct 2024	SPU24_SVB41	Normal	DU10	DU17	<20	100	<20	3,300
WSP2025fSPU24_SVB42	SVB42	0.8	10 Oct 2024	SPU24_SVB42	Normal	DU10	DU17	59	210	<20	6,500
WSP2025fSPU24_SVB43	SVB43	0.8	10 Oct 2024	SPU24_SVB43	Normal	DU10	DU17	<20	55	<20	3,900
WSP2025fSPU24_SVB44	SVB44	0.8	10 Oct 2024	SPU24_SVB44	Normal	DU10	DU17	46	130	<20	4,300
WSP2025fSPU24_SVB45	SVB45	0.75	10 Oct 2024	SPU24_SVB45	Normal	DU10	DU17	<20	<20	<20	3,000
WSP2025fSPU24_SVB46	SVB46	0.8	10 Oct 2024	SPU24_SVB46	Normal	DU10	DU17	<20	81	<20	3,700
WSP2025fSPU24_SVB47	SVB47	0.8	10 Oct 2024	SPU24_SVB47	Normal	DU10	DU17	<20	<20	<20	260
WSP2025fSPU24_SVB48	SVB48	0.8	10 Oct 2024	SPU24_SVB48	Normal	DU10	DU17	-	-	-	-
WSP2024a_SV207	SV207	1	13 Nov 2023	SV207_1.0	Normal	DU11	DU17	2	2	2	2
WSP2024e_SV207	SV207	1	09 May 2024	SV207_1.0	Normal	DU11	DU17	-	-	-	-
WSP2025fSV207	SV207	1	11 Oct 2024	SV207	Normal	DU11	DU17	-	-	-	-
WSP2025e_SV207	SV207	1	05 Nov 2024	SV207_1.0	Normal	DU11	DU17	-	-	-	-
WSP2024a_SV208	SV208	1	13 Nov 2023	SV208_1.0	Normal	DU11	DU17	8	51	2	100
WSP2024e_SV208	SV208	1	09 May 2024	SV208_1.0	Normal	DU11	DU17	4.4	36	-	70

T04 Soil Vapour Analytical Results

								latile Aliphatic Hydrocarbons			
								Heptane	Hexane	Octane	Cyclohexane
								µg/m3	µg/m3	µg/m3	µg/m3
EQL								2	2	2	2
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand							680,000				
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs											
Location Code	**Loc**	**Depth**	**Date**	**Field ID**	**Sample Type**	**Location Purpose**	**Monitoring Zone**				
WSP2025fSV208	**SV208**	**1**	**11 Oct 2024**	**SV208**	**Normal**	**DU11**	**DU17**	-	24	-	32
WSP2025e_ SV208	**SV208**	**1**	**05 Nov 2024**	**SV208_1.0**	**Normal**	**DU11**	**DU17**	5.5	34	-	57
WSP2024e_SV217	**SV217**	**1.5**	**09 May 2024**	**SV217**	**Normal**	**DU11**	**DU17**	-	-	-	-
WSP2025e_SV217	**SV217**	**1.5**	**05 Nov 2024**	**SV217_1.5**	**Normal**	**DU11**	**DU17**	-	-	-	-
WSP2025fOG24_SVB49	**SVB49**	**0.8**	**11 Oct 2024**	**SPU24_SVB49**	**Normal**	**DU11**	**DU17**	-	-	-	-
WSP2025fOG24_SVB50	**SVB50**	**0.8**	**10 Oct 2024**	**SPU24_SVB50**	**Normal**	**DU11**	**DU17**	-	2.9	-	-
WSP2025fOG24_SVB51	**SVB51**	**0.8**	**10 Oct 2024**	**SPU24_SVB51**	**Normal**	**DU11**	**DU17**	-	-	-	-
WSP2025fOG24_SVB52	**SVB52**	**0.8**	**11 Oct 2024**	**SPU24_SVB52**	**Normal**	**DU11**	**DU17**	-	2.5	-	-
WSP2025fOG24_SVB53	**SVB53**	**0.8**	**11 Oct 2024**	**SPU24_SVB53**	**Normal**	**DU11**	**DU17**	-	-	-	-
WSP2025fOG24_SVB54	**SVB54**	**0.8**	**11 Oct 2024**	**SPU24_SVB54**	**Normal**	**DU11**	**DU17**	-	2.8	-	-
WSP2025fOG24_SVB55	**SVB55**	**0.8**	**11 Oct 2024**	**SPU24_SVB55**	**Normal**	**DU11**	**DU17**	-	-	-	-
WSP2025fOG24_SVB56	**SVB56**	**0.8**	**11 Oct 2024**	**SPU24_SVB56**	**Normal**	**DU11**	**DU17**	-	5.1	-	-
WSP2024e_SV218	**SV218**	**1.3**	**09 May 2024**	**SV218**	**Normal**	**DU12**	**DU17**	-	-	-	-
WSP2025e_SV218	**SV218**	**1.3**	**05 Nov 2024**	**SV218_1.3**	**Normal**	**DU12**	**DU17**	-	-	-	-
WSP2024e_SV221	**SV221**	**1.4**	**09 May 2024**	**SV221**	**Normal**	**DU12**	**DU17**	390	1,500	160	300
WSP2025e_SV221	**SV221**	**1.4**	**05 Nov 2024**	**SV221_1.4**	**Normal**	**DU12**	**DU17**	230	450	63	220
WSP2025e_SV222	**SV222**	**1.4**	**04 Nov 2024**	**SV222_1.4**	**Normal**	**DU12**	**DU17**	-	-	-	-
WSP2025e_SV226	**SV226**	**1.2**	**06 Nov 2024**	**SV226_1.2**	**Normal**	**DU12**	**DU17**	870	3,600	150	3,400

Comments

#1 To obtain F1 subtract the sum of BTEX concentrations from the C6 - C10 fraction.

#2 To obtain F2 subtract napthalene from the >C10 - C16 fraction.

Annexure D

Remedial options assessment

Table E.1 Assessment of main soil remediation options

Remediation Option	Description	Target COPC	Merits	Disadvantages	Feasibility
Excavation and onsite treatment of hydrocarbon impacted soil – Ex-Situ bioremediation via mechanical biopiling	Excavation of impacted soil and onsite bioremediation. Reinstatement of excavated areas with material validated as suitable for the intended land use. Mechanical biopiling using an aeration blower is preferred as it would minimise disturbance of materials that may have asbestos	Suitable for COPC which bio-attenuate under aerobic conditions, including: • TRH • BTEXN • Lower chlorinated CHC (VC, DCE)	• On-going future liabilities including human health and the environment would be minimised following remediation. • Consistent with community and regulatory expectations of minimal impacts at the site. • Traffic volumes and potential community impacts reduced compared to other alternatives (i.e. offsite disposal) • Consistency with the principles of Ecologically Sustainable Development (ESD). • Moderate costs, lower than offsite disposal if total soli volume is large.	• Extended timeframe for onsite treatment and soil sampling and analysis. • Limited to PHC (better for lighter end compounds) impacted material, lower chlorinated CHC (such as daughter products VC and DCE), and other VOCs. • Biopiling generates odours during placement and turning of material. Erosion and sediment controls would be required •	Likely
In-situ bioremediation via biostimulation or bioaugmentation	Bioremediation in-situ by introduction of additives to enhance microbial degradation or addition of microbes	Suitable for COPC which can bio-attenuate under a variety of remedial conditions, including: • TRH • BTEXN • CHC	• Traffic volumes and potential community impacts reduced compared to other alternatives. • On-going future liabilities including human health and the environment would be minimised following remediation. • Consistency with the principles of ESD. • Consistent with community and regulatory expectations of minimal impacts.	• Extended timeframe for onsite treatment. • Timeframe difficult to estimate. • Restricted to hydrocarbon impacted material. • Need for pilot trials at the Project Area • Potentially expensive implementation to ensure adequate coverage. • Generally lower cost than excavation; but it would require pilot trial and post-remediation long-term monitoring costs.	Unlikely
Excavation of contaminated soil and disposal to licenced landfill or removal to a storage facility	Excavation of impacted soil and offsite disposal to a licenced facility or removal to a storage facility following waste classification	Suitable for all COPC	• On-going future liabilities including human health and the environment would be minimised following remediation. • Proven technology widely applied in Australia and internationally. • Shorter time frame when compared with other options. • Able to handle all solid waste streams generated at the Site (hazardous materials requiring interstate disposal). • Limited onsite handling of wastes thereby reducing odour issues.	• Less preferred within the NSW EPA remediation hierarchy, including preference for recycling and treatment rather than disposal. • Inconsistent with the principles of ESD due to re-location of impacts instead of treatment. • In the event of large volumes to be remediated - increased community impacts associated with increased traffic inconvenience and potential for dust and odour impacts if not managed appropriately. • Higher costs particularly if large contaminated soil volume.	Likely
In-situ solidification / stabilisation	Excavation of impacted soil, blending with a stabilisation amendment or solidification additive and onsite burial within an approved excavation or lined onsite containment cell. Reinstatement of excavated areas could be completed with stabilised material where it is validated as suitable fill.	Suitable for all COPC provided design controls for the vapour intrusion and leachability capacity of the contamination being contained	• Protective of human health including onsite workers and community surrounding the site. • On-going future liabilities including human health and the environment would be low following remediation. • Protective of the environment if appropriately designed and treated. • The target area is likely to have sufficient space to accommodate construction of a containment cell(s) without impacting significantly on future redevelopment. • Moderate costs, lower than offsite disposal if total soil volume is large.	• Less preferred within the NSW EPA remediation hierarchy, as the waste is not treated, reduced in concentration or destroyed. • Land area needed for containment of treated material. • Potential restricted future land use following remediation. • Ongoing monitoring would be required to ensure the efficacy of the treatment. • As a result, there may be contingent liability associated with this approach. • Ongoing monitoring would be required in-situ to assess its long term effectiveness. • Partly consistent with the principles of ESD as it does not remove or reduce directly the COPC.	Likely (relevant to RPIP and/or Limestone Pits)

Remediation Option	Description	Target COPC	Merits	Disadvantages	Feasibility
Engineered capping system with clean soil	Cap contamination to prevent infiltration of surface water into contaminated soil and /or to prevent contact with site users.	Suitable for all COPC provided design controls for the vapour intrusion and leachability capacity of the contamination being capped	• Preferred over off-site disposal within the NSW EPA remediation hierarchy. • Protective of the environment and human health if appropriately designed and managed into the future • On-going future liabilities including human health and the environment would be relatively low following remediation. • Partial consistency with community and regulatory expectations. • Effective for residual contaminant concentrations minimising the exposure pathways to human and environment. • Low to moderate costs. Less expensive than large-scale excavation.	• Less preferred within the NSW EPA remediation hierarchy compared to onsite treatment (where feasible, noting onsite treatment for asbestos is not practicable). • Ongoing management and/ or management plan would be required. • Lateral groundwater flow may still lead to contamination migration, excluding in the case of asbestos impacted soil. • Not suitable for areas with difficult access for plant/machinery etc. • Aligned with ESD principles, but limited by long-term maintenance needs and reliance on cap integrity.	Likely (excluded from the MOD-7 application but will be covered in the KIEP RAP)
Onsite treatment of asbestos impacted materials	Screening or sorting materials to remove asbestos (as per NEPM [1999] as amended requirements)	• Asbestos (non friable)	• May reduce quantity of asbestos impacted material requiring offsite disposal or capping at the Project Area. • Low to moderate costs: labour-intensive, some disposal, but avoids large-scale transport and treatment.	• It is not possible to demonstrate all asbestos has been removed. • The screening and sorting process can potentially result in further breakdown of asbestos materials and potentially liberation of asbestos fibres. • Asbestos fragments smaller than the screen as well as fibres would not be removed. • It is often not practicable to selectively remove asbestos particularly in fill materials and in clayey soils. • Partly aligned with ESD principles by reducing asbestos and enabling soil reuse, but limited by handling risks, potential off-Site disposal, and resource use during sorting.	Likely but not to provide validation
Ongoing Site Management	No remediation – contamination managed under site specific controls in line with OEMP No remedial action taken. Impacted soil left in-situ. Potential ongoing offsite migration of contaminated groundwater.	Suitable for all COPC provided they can meet the following conditions: 1. COPC is not currently mobile 2. COPC does not pose an ongoing risk to human health or the environment	• No disturbance to site required. • No remedial costs incurred other than cost of preparing the Site Management Plan. • No potential impacts related to the remediation of the site. • Risks to human health and the environment managed through defined work practices under the site management plan. • Lowest cost, involving only management planning with no soil handling or treatment, but carries ongoing environmental, health, and reputational risks from leaving contamination in place.	• On-going liabilities including human health and the environment would remain in some target areas. • On-going liabilities including risks to human health and the environment in some target areas. • On-going obligation to adhere to Site Management Plan. • Changes to a more sensitive land use other than commercial/ industrial would not be possible. • Impacted material would remain onsite indefinitely. • Not consistent with the principles of Ecologically Sustainable Development, particularly inter-generational equity. • Inconsistent with community expectations for remediation. • Slightly aligned with ESD principles, but it leaves all contaminants in place and poses ongoing environmental and health risks	Unlikely without remediation